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KEEP THE HOME GARDENS GROWING



*A Basketful of Vegetables for \$1*

As shown above in colors

A very desirable list suitable for the average home-garden—14 packets, valued at \$1.40, for only \$1, postpaid.

These are regular, full-size packets, filled with our *Own Bulk Seeds* and bound to give you lots of satisfaction. No change can be made in this collection, as they are put up before the busy season begins.

EVERYTHING for the  
FARM AND GARDEN

1929

**CHAAPEL'S SEED STORE**

WILLIAMSPORT, PA.

IN BUSINESS FIFTY-THREE YEARS

THE ZINNIA is one of the most brilliant and showy of our annual garden flowers. It has gained more steadily in popularity recently because it is the most satisfactory annual for bright and gaudy border effects and now comes in new strains of greatly improved form and color. The old-fashioned forms have been displaced by the Giant Double-flowered and Dahlia-flowered strains.

2



3



## New Dahlia-Flowered ZINNIAS

**(1) Exquisite.** The flowers resemble an exquisite, large Decorative dahlia. The color is a most showy and pleasing shade of rich rose with deeper rose in the center. In our opinion this is one of the most showy of all Dahlia-flowered Zinnias. The flowers are of true dahlia form, perfectly symmetrical, and of gigantic size. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**(2) Purple Prince.** The best of the purple varieties. A fine deep purple that holds the color well. The plants are robust and large. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**(3) Crimson Monarch.** One of the best of the Dahlia-flowered Zinnias, with blooms of immense size, of a bright, attractive shade of crimson-scarlet. The flowers are of perfect form and are borne in great profusion on strong plants. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**(4) Oriole.** A bright, glistening orange, shaded with liquid gold. As the flowers age they show a rich coppery cast. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**Polar Bear.** This is decidedly the best of all white Zinnias. The flowers are of great size, composed of many small petals. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**Meteor.** The perfect, rich, glowing red flowers are a deep self color and of immense size. Plants strong and robust. The best of the reds. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**Canary Bird.** A very fine variety, with large flowers of a bright primrose-yellow shade. The blooms are well formed, fully double, extremely large, and hold their color well until they have passed their prime. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 65 cts.

**Dahlia-flowered, Mixed.** This is a complete mixture of the Dahlia-flowered Zinnias described on this page and some other fine colors not yet introduced. Pkt. 20 cts.,  $\frac{1}{8}$ oz. 50 cts.

*Look at the index on page 3  
It's easy to find what you want*

Read Suggestions about Ordering on page 1

Use the ORDER SHEET and ENVELOPE Combined. It Is Convenient

# ORDER TODAY BY MAIL

# CHAAPEL'S SEEDS

Are as Near to You as Your Nearest Mail-Box

## RECEIVE TOMORROW BY MAIL

**Importance of Ordering Early.** Before the rush season begins we can give you better service, for our stocks will then be complete.

Being sold out of some varieties entails correspondence and delays, so on receipt of this catalogue make out your order and mail it to us immediately.

**MAKING OUT ORDERS.** Be sure to use the order sheet and follow the directions given.

**PRICES.** The prices quoted in this catalogue are net, and not subject to discount. Where prices are quoted postpaid, they apply only to the first and second postal zones from Williamsport.

**How to Order Seeds by Parcel Post.** We earnestly advise that all light shipments go by Parcel Post whenever possible. We will pay postage on all small seeds in packets, and in bulk up to  $\frac{1}{4}$  pound, anywhere in the United States. Up to 70 pounds, we can send seeds in any quantity. Within the First and Second Zones from Williamsport, add to your remittance for postage as follows: 1-pound orders, 7 cents; for each additional pound, 1 cent; on Peas, Beans, and Corn, 10 cents for the first quart and 2 cents for each additional quart. For rates to other Zones, inquire of your postmaster. The necessary postage must be sent with the order. Orders received without the necessary postage will be sent C.O.D. for amount of postage.

**EXPRESS AND FREIGHT SHIPMENTS.** If you wish your seeds to come by Express or Freight, we can send them collect and you can pay the transportation charges on delivery.

**HOW TO SEND MONEY.** Remittances should be made by Post Office Money Orders, Express Money Orders, Drafts, or Checks. Where it is not possible to obtain these, the letter should be registered.

**CASH WITH ORDER.** Customers will please remit when ordering. If goods are wanted C.O.D., 25 per cent, or one-fourth of the amount, must accompany the order.

*Prices quoted in this Catalogue are subject to change without notice*

CHAAPEL'S SEED STORE	5	1929 MAIL ORDER CERTIFICATE	1929	5	CHAAPEL'S SEED STORE
<b>USE THIS PROFIT-SHARING CERTIFICATE</b>					
FOR over FIFTY YEARS the home gardeners, market gardeners, and farmers have ordered seeds from Chaapel's Seed Store. To show our appreciation of the confidence placed in us during this period, we are now giving this Profit-sharing Certificate to all our customers who order Vegetable and Flower Seeds from Chaapel's Seed Store. This Certificate applies on orders for Flower and Vegetable seeds only.		 CENTS VALUE IN SEEDS		DURING 1929 Chaapel's Seed Store will redeem this Certificate allowing 5 cents for every 50-cent portion of your order for Flower and Vegetable seeds. As an example, suppose your order for Vegetable and Flower Seeds amounts to \$3 at prices published in this Catalogue, then you may add to your order seeds to the amount of 30 cents, which we will send you free with your order by using this Profit-sharing Certificate.	

*This Profit-Sharing Certificate Counts as Cash*

39 E. Third St. { WILLIAMSPORT, PA.  
40 E. Willow St. }

CHAAPEL'S SEED STORE

JANUARY, 1929



# Chaapel's Guarantee for 1929



We **guarantee** the seeds and bulbs we sell to be true to name and of high germination. Our **guarantee** is that should they fail to grow if properly and promptly tested for germination and purity by our customers, we will replace the same or give full value in other seeds.

**Seeds MUST be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.**

**BY TEST WE KNOW THAT THESE SEEDS ARE OF GOOD VITALITY.** To you is given to select and prepare the soil and to give the proper care. Providence alone governs the weather.



**The Home of Chaapel's Seed Store**  
39 East Third Street

Warehouses for the storage of Seeds, Fertilizers, Farm Implements, and Poultry Feeds situated at 40 East Willow Street, and Canal and State streets.

As we cannot personally direct the planting of the seeds and bulbs we sell, as well as the preparing of the ground, or control the weather or natural laws effecting the germination and growth of plants, it is therefore agreed that in **no** case shall Chaapel's Seed Store be liable for more than the amount actually paid for the **seeds or bulbs** thus failing to produce.

Without additional cost to our customers, we guarantee the safe arrival at your home of the orders you send to Chaapel's Seed Store.

## WE ARE SPECIALISTS

While we do not claim to be able to furnish you with everything you need, we are specialists on agricultural requirements, and as specialists we know that the merchandise offered in this Catalogue is of the highest possible quality. We are equipped to give you excellent service, and we want you, who are taking the trouble to read this, to understand our position. We want your business and in return will give you service and supply you with high-quality agricultural merchandise at a fair price.

Send your orders to a seed-house that has for 52 years studied the varieties best suited to your locality, a seed-house that handles only the best seeds that can be grown, a seed-house that guarantees every package of seed sent out by them.



## CHAAPEL'S SEED STORE

**The Oldest Seed Store in Central Pennsylvania**

**HARRY CHAAPEL**  
P. A. McGOWAN

**WILLIAMSPORT, PA.**

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## SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of Chaapel's Seeds and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

We solicit your continued patronage on our service, the merit of our seeds, and the fairness of our prices.



## Popular Flower Seeds

Each year the interest in flowers for garden and home decoration increases and more people turn to the growing of flowers for recreation and pleasure. Flower-lovers will find a number of new varieties in our lists this year, as well as all of the old friends. We have devoted most of our attention to the "annuals," that is, the kinds which grow, produce flowers, mature, and die the same season, since these are generally found most satisfactory in the average garden. Among the Annuals are flowers for every purpose, tall and low-growing, trailing and climbing, for cutting and for garden display. All Flower Seeds are sent postpaid to your door.

All varieties not designated by HP are annuals, blooming the first season

### HARDY PERENNIALS ARE DESIGNATED BY HP

There are a number of perennial varieties that will bloom the first season if sown very early; other varieties should be sown later, giving a continual riot of color year after year. Your attention is called to these extra good Perennials which are described in the following pages. Find them in the Index.

Aquilegia (Columbine)	Carnation, Marguerite	Gaillardia (Blanket Flower)	Oriental Poppy
Bellis (English Daisy)	Digitalis (Foxglove)	Gypsophila (Baby's Breath)	Shasta Daisy
Coreopsis grandiflora	Delphinium (Larkspur)	Hollyhock	Sweet William
Canterbury Bells	Forget-me-not		

### FERTILIZERS MAKE FLOWERS GROW AND BLOOM

Most annual flowers, due to their short season of growth and profuse bloom, are heavy feeders and require an abundance of a quick-acting fertilizer. Nitrate of Soda and Sheep Manure are particularly adapted for this class of plants. The Sheep Manure should be applied at the time of planting; the Nitrate of Soda several times during the season. The perennial plants are slower growers and for that reason the less-active fertilizers, such as Bone-Meal and our Special Garden Fertilizer, meet their requirements. Either should be applied at time of planting and supplementary applications should be made during the life of the plant. For prices see pages 49 and 50.

### Popular Annuals in Convenient Groups for a Choice

#### Annuals for Edgings

Ageratum	Pansy
Alyssum	Petunia
Aster	Phlox
Candytuft	Portulaca
Forget-me-not	Salvia
Marigold	Verbena
Nasturtium	Zinnia

#### Annuals for Cut-Flowers

Antirrhinum	Marguerite
Aster	Marigold
Bachelor Button	Mignonette
Calendula	Phlox
Cosmos	Scabiosa
Gaillardia	Sweet Pea
Gypsophila	Zinnia

#### Annuals for Fragrance

Alyssum
Candytuft
Dianthus
Mignonette
Nicotiana

**PRICE OF FLOWER SEEDS.** All flower seeds are put up in large generous quantities in beautiful packets lithographed in colors with common sense cultural directions, and should not be compared to the common bargain seeds sometimes offered to attract attention. All 5c. packets, 6 for 25c.; all 10c. packets, 6 for 50c., entirely your selection. Prices for ounces or fractions of an ounce are very liberal for those who need more than packets.



Branching Aster



Giant Crego Aster



Queen of the Market Aster

## Chaapel's Superb Asters

Of all the flowers in the garden, none will give more genuine satisfaction than the Aster. The early sorts begin to bloom in midsummer, and the late varieties carry the garden well into chrysanthemum-time.

### Hints for Sowing Aster Seed

Just exactly as fine flowers are obtainable from outdoor-grown plants as from those started inside, except in the case of the earliest varieties which must be sown inside very early. All our own Aster seed is raised on outdoor-grown plants.

The easiest way to grow Aster plants is to sow the seed in rows in the vegetable-garden or flower-bed in some position that is well protected from cold winds, yet fully exposed to the sunlight. If this is done in April or early May, as soon as the ground can be worked, the plants will come along in time for a full crop of flowers.

As soon as up they should be thinned to  $\frac{1}{2}$  inch apart in the row, in order to make good, hardy, stocky plants. These will be ready to transplant into the field,  $1\frac{1}{2}$  feet apart each way, by the first to the middle of June.

### Special Long-branching Aster

The Long-branching Asters are known wherever Asters are grown. The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center. There are other Asters, exquisite in form and delicate in color, but the Long-branching Aster is still the leading variety in all the flower-markets in the country and still holds the first place in the garden of the amateur.

Shell-Pink	Lavender	Purple
White	Rose-Pink	Choice Mixed

Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 50 cts.

### Peerless Pink Aster

This is conceded to be the finest pink Late Branching Aster ever offered. The plants are of robust, free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length. It is hard to find a flower under 4 inches across, and many measure 5 inches by  $2\frac{1}{2}$  inches in depth, forming an almost globular bloom. The color is a rich shell-pink. It comes into bloom about the middle of August, being at its best during the early part of September and continuing in good condition well into October. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 50c.

### Queen of the Market Aster

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house. **Mixed.** Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 35 cts.

Special prices to florists and gardeners who grow for market.

### Giant Crego or Comet Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. The flowers are very large, often measuring 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length. Though the flowers are large, they are produced in abundance. This is perhaps the most graceful of the Asters. Charming when cut. (See illustration.)

White	Rose-Pink	Purple
Shell-Pink	Lavender	Mixed

Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 50 cts.

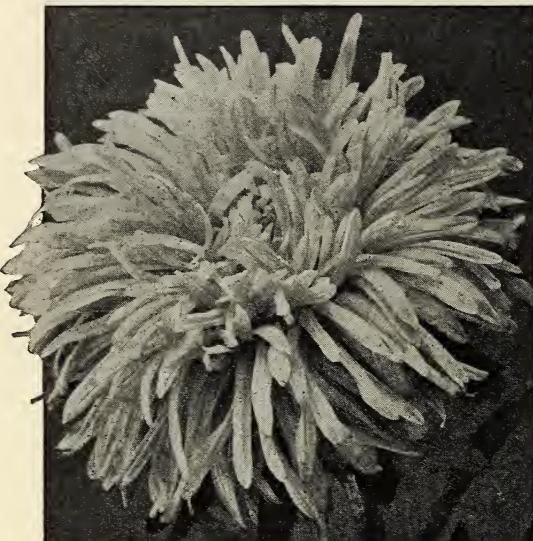
### The New Single-flowered California Giant Aster

We are offering this wonderful Aster for the first time this year. It was developed out of the California Giant Double type. The flowers are large, measuring 3 to 4 inches across, with stems 18 to 24 inches long. Its slightly twisted petals add a piquant touch to its beauty. The white blooms resemble Shasta Daisies in appearance, but their greater length of stem makes them more graceful and better adapted to florists' use. In the garden, Aster California Giant Single adds a charming note of simplicity among the fuller types of Asters. We believe this new single type of Aster is destined to become very popular. At present we are offering it in a well-balanced mixture. Large pkt. 15 cts., 2 pkts. 25 cts. (Free with an order of 50 cts. for Flower Seeds in pkts., provided the request comes with the order.)

TOBACCO DUST added to the soil when transplanting Asters, at the rate of one ounce to the plant, aids in controlling root aphids. See page 52.

## The Newer Asters of Real Merit

These American-grown Asters embrace several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size, and general excellence, give entire satisfaction to the most critical growers of this popular flower. The high quality of flowers that can be grown from these newer sorts will prove very profitable and pleasing to the successful grower.



### New California Giants

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American. The flowers are full-centered and substantial, averaging 5 to 6 inches across, and produced on stout stems 1½ to 2 feet long without budding. Our seed is direct from the California growers of this superb new Aster. Finest Mixed, all colors. Pkt. 15 cts., ½oz. 60 cts., ¼oz. \$1.

### Ball's White (Florist's White Aster)

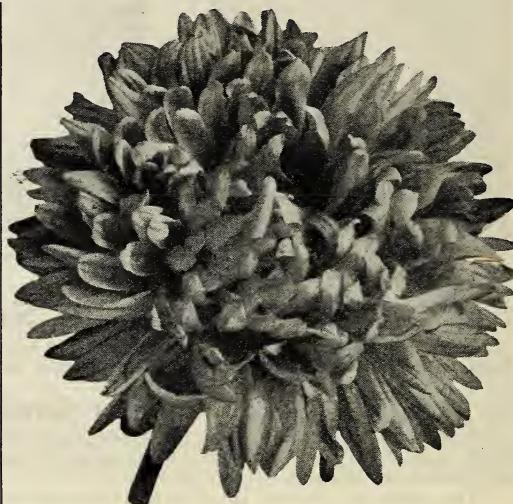
A large, white Aster that has been quite popular with the florists. Its flowers are supposed to be so full double that the petals appear to be heaped on top of each other. The stems are stiff and non-lateral, and the season the same as Late Branching. Pkt. 15 cts., ½oz. 60 cts., ¼oz. \$1.

### Crimson Giant (A Dark Crimson Aster)

This is a striking color, brilliant crimson, which goes well with the massiveness of the well-formed flowers. The blooms are carried on fine long stems and make excellent cut-flowers. Produces a wealth of fine blooms. Pkt. 10 cts., ½oz. 30 cts., ¼oz. 50 cts., ½oz. 85 cts.

### Moreton Pink

The only Aster of this color—a rich, clear, cerise-pink that is most attractive. The flowers are large, full, double, with long twisted petals. The plant is of a branching habit with good clean stems, free from the small side blooms. It is invariably declared to be the prettiest Aster ever seen. Pkt. 10 cts., ½oz. 30 cts., ¼oz. 50 cts.



### Heart of France

A Pure Red Aster

This beautiful new variety opens as red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, at one time showing a glow and sheen quite unique, and at another a soft, warm, velvety texture. Its flowers command instant admiration and the plants are of the branching type, of very robust habit. 1½ to 2 feet tall. The stems are long with few laterals. Pkt. 15 cts., ½oz. 60 cts., ¼oz. \$1.

### New Sunshine Aster

See picture of this new Aster in color on back cover of this catalogue

A new type of Aster and the most interesting ever introduced. It is entirely distinct from any other kind, and in many ways much more desirable. The flowers have long, wavy petals and a cushion center of small, feathery quills of a different shade than the petals. Plants sturdy and strong, with long, stiff flower-stems. A novelty we highly recommend. **Mixed Colors**, pkt. 25 cts., 2 pkts. 40 cts.



**Free.** One packet of New Sunshine Aster free with a Flower Seed Order of \$1 or more, provided the request comes with the order. See back cover.

#### COLLECTION OF THE SIX AMERICAN ASTERS

One packet each of the 6 splendid sorts described above—a really fine collection—for only 75 cts., postpaid



African Golden Daisy

### African Golden Daisy (*Dimorphotheca aurantiaca*)

An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plant grows 12 to 15 inches high, and the flowers, which are  $2\frac{1}{2}$  inches across, are a rich glossy orange-yellow, with dark disc and halo. Blooms continuously. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

### Ageratum (Floss Flower)

**Blue Perfection.** Valued for its pretty, deep lavender-blue flowers which are borne in great profusion. Height, 1 foot. Pkt. 10c.,  $\frac{1}{4}$ oz. 30c.

### Alyssum

**White Carpet.** Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

**Sweet.** The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts.,  $\frac{1}{4}$ oz. 15 cts., oz. 40 cts.



Didiscus caerulea

### Blue Lace Flower (*Didiscus caerulea*)

You will be delighted with this easily grown annual. It played an important part in our grandparents' gardens but has almost been forgotten. Carried on stems 2 feet long are broad, lace-like heads composed of many delicate light blue flowers. Excellent for garden display and for cutting, bearing a profusion of flowers from June until September. Of fine upright growth. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 40 cts.,  $\frac{1}{4}$ oz. 65 cts.

### Arabis Alpina HP (Rock Cress)

A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat. 6 to 9 inches. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.,  $\frac{1}{2}$ oz. 40 cts.

### Gypsophila (Baby's Breath)

Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

**Elegans alba grandiflora.** An improved form of the annual Baby's Breath. Pure white, large flowers. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Paniculata.** H.P. White flowers, fine for bouquets; hardy perennials. Blooms first year if sown early. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.



Bachelor's Buttons, or Cornflowers

### Bachelor's Buttons, or Cornflowers (*Centaurea cyanus*)

The new double Cornflowers, or Bachelor's Buttons, make most excellent flowers for both the bouquet and garden, blossoming profusely until snow flies. The flowers are double, of good clear colors, and with long, graceful stems for cutting.

**Double Blue.** Clear cornflower-blue, same color as the single blue. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Double, Mixed Colors.** All colors and beautiful shades. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

### Chrysanthemum · Painted Daisy

Blooming profusely from early summer until frost, they are most effective and showy. The bright-colored, daisy-like flowers are useful for cutting, lasting well in water. Height, 1 to  $1\frac{1}{2}$  ft.

**Single Mixed.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Balsam · Lady's Slipper**

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. Choice mixed colors, pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Blanket Flower · Gaillardia HP**

The heads of star-shaped, tufted flowers are greatly admired for their rich blending of red, yellow, and orange. Height, 1 $\frac{1}{2}$  feet. Pkt. 10c., 3 for 25c.

**Annual Varieties, Mixed.** Pkt. 10c., 3 for 25c.



California Poppies

**California Poppy · Eschscholtzia**

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. Spring-sown seeds flower profusely from July until late autumn. An invaluable bedding plant. Sow the seed where the plants are to remain. Height, 1 ft.

**New Hybrid, Mixed.** This mixture has been saved from a number of new sorts of wonderful colorings, including old-gold, fire-red, cream, and many other rich and unusual tones. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 20 cts.,  $\frac{1}{4}$ oz. 30 cts., oz. \$1.

**Aurantiaca.** Rich golden orange. This is the true California Poppy that the tourists rave so much about. It is, perhaps, the most desirable where one color is wanted. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 20 cts.,  $\frac{1}{4}$ oz. 30 cts., oz. \$1.

**Cardinal Climber**

(*Ipomoea quamoclit* *hybrida*)

A brilliant and beautiful climber, growing rapidly and attaining a height of 30 feet. Foliage fern-like; flowers cardinal-red, 1 $\frac{1}{2}$  inches across, borne in clusters and produced in great profusion from mid-summer until frost. The seed should be started indoors, but may be sown in the open in late May. Soaking the seed or notching the seed-coat will hasten germination. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{8}$ oz. 50 cts.



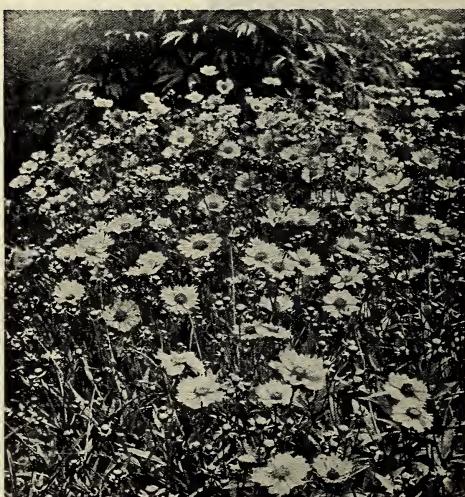
Calendulas

**Calendula · Pot Marigold**

This is the "Marygold" of Shakespeare's time, one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost.

**Orange King.** An extra-fine strain of this splendid, double, rich orange-red variety, producing flowers over 3 inches in diameter. Pkt. 10c.,  $\frac{1}{4}$ oz. 20c.

**Mixed, all Double Sorts.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.



Coreopsis grandiflora



Giant Hyacinth-flowered Candytuft

### Candytuft

A very hardy, easily grown little annual that is a universal favorite for beds and masses. Successive sowings should be made during the summer, while the last sowing in the autumn will produce flowers early in the spring. Height, 1 foot. One packet will sow 15 feet.

**Giant Hyacinth-flowered, or Improved Empress.** The finest of all white varieties. The long, heavy spikes of large flowers resemble a white hyacinth. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 20 cts., oz. 60 cts.

**Mixed Colors.** A special mixture we make up of a number of separate colors, assuring a well-balanced assortment. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 25 cts.

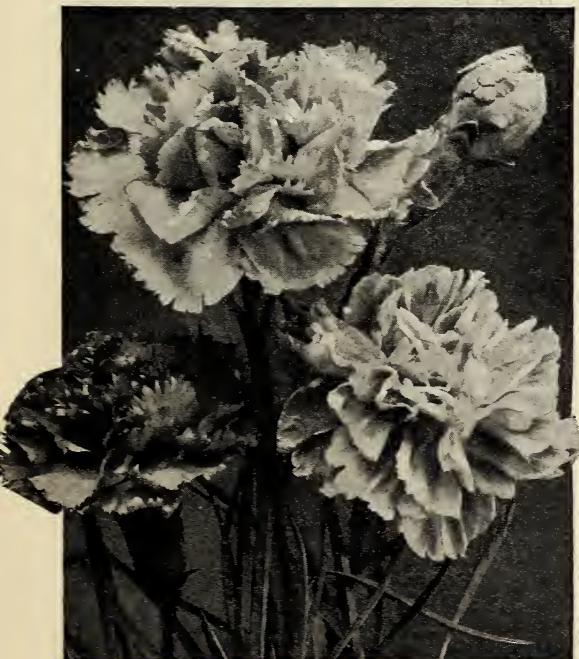


Canterbury Bells

### Canterbury Bells HP

The Campanulas, or Canterbury Bells, produce their best crop of flowers the second season. Sow the seed any time from early June to August, and protect the plants with straw or leaves over winter.

**Single Varieties, Mixed Colors.** The true "Canterbury Bells." White, Pink, and Blue. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 30 cts., oz. 50 cts.



Marguerite Carnations

### Castor-Oil Bean · Ricinus

Plants of stately growth and picturesque foliage, combined with brilliant colored fruit, producing an oriental effect. Fine for lawns and pleasure-grounds.

**Zanzibariensis.** A distinct class which surpasses all varieties in size and beauty. The ornamental leaves, beautifully lobed, are  $2\frac{1}{2}$  to 4 feet across. Height, 12 feet. Pkt. 10 cts., oz. 20 cts.

**Mixed.** All sorts. Pkt. 10 cts., oz. 20 cts.

### Annual Calliopsis

Produces flowers in nearly every shade of yellow, orange, crimson, red and brown. Will grow in any situation and always be admired. Sow where they are to remain, and thin to 1 foot apart.

**Fine Mixed Colors.** Pkt. 10 cts.,  $\frac{1}{2}$ oz. 20 cts.

**Golden Wave.** Bright golden yellow flowers, 2 inches across, each distinctly marked with dark brown center. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

### Hardy Coreopsis HP

**Lanceolata grandiflora.** Beautiful hardy perennials that grow 15 to 18 inches high and produce their golden yellow flowers in great profusion. Easily grown from seed, flowering the first year if sown early. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts. See illustration, page 8.

### Columbine · Aquilegia HP

One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery. **Single Finest Mixed**, pkt. 10 cts., 3 pkts. 25 cts.

### Cosmos

The early-blooming sorts are most satisfactory because of the long season over which they produce their profusion of flowers in delicate shades of pink, red, and white.

**Extra-Early Giant, Mixed.** Seed sown early will produce plants covered with fine flowers two months before the late-flowering kinds. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

**Double-Crested, Mixed.** A new and distinct type of early, large-flowering Cosmos, the center being full double, giving a crested effect. Pkt. 15 cts.

**Autumn Giant, Mixed.** The flowers of this improved Cosmos grow very large, of most delicate colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.



### Chinese Lantern Plant (*Physalis franchetii*) HP

A very highly interesting hardy perennial plant growing 2 feet high, covered with bright orange-scarlet fruits resembling Chinese lanterns. These fruits may be cut and dried for winter bouquets. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 50 cts.,  $\frac{1}{2}$ oz. 90 cts.

### Delphinium · Hardy Larkspur HP

One of our most showy and useful hardy perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the summer.

**Belladonna.** This is one of the most free and continuous blooming varieties. Immense spikes of lovely pale blue. Height, 4 feet. Pkt. 20 cts.

**Bellamosa.** A very dark blue variety of particular value for deliberate dark blue mass effect, and a striking contrast in connection with the azure shade of Belladonna. Pkt. 20 cts.

**Gold Medal Hybrids.** Plants vigorous, free-blooming, with flower-spikes 2 feet long. Grand assortment of colors in mixture, ranging from lightest blue to purple. Pkt. 15 cts., 2 pkts. 25 cts.,  $\frac{1}{4}$ oz. 50 cts.

### Dianthus, or Pinks

A most satisfactory class of flowers, easily raised from seed, which are in constant bloom the entire season; fragrant.

**Hedgewigi** (Single Japan Pink). Finest single-flowered. **Mixed**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**Hedgewigi fl.-pl.** (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. **Mixed**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

### English Daisy · Bellis perennis HP

**Finest Mixed.** Extra. Pkt. 10 cts., 3 pkts. 25 cts.

**Longfellow.** Bright rose. Pkt. 15 cts., 2 pkts. 25 cts.

**Snowball.** Pure white. Pkt. 15 cts., 2 pkts. 25 cts.

**ESCHSCHOLTZIA.** See California Poppy.

**GARDEN GUIDE.**—A book for gardeners everywhere, giving direct, simple and reliable information on how to grow fruit, vegetables and flowers. Illustrated. 384 pages, cloth cover. \$1.65 prepaid.



Single Hollyhocks

**Forget-Me-Not HP**  
(*Myosotis palustris*)

Neat and beautiful little plants with star-like flowers; succeed best in a shady situation. Half-hardy perennials, blooming the first year from seed. Height, 6 inches. Pkt. 10 cts.



Foxglove

**Four o'Clock**  
(*Marvel of Peru*)

A well-known garden favorite of bushy habit bearing, during the season, hundreds of white, yellow, crimson, and violet flowers. Height, 2 feet. **Fine Mixed**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

**Foxglove HP**  
(*Digitalis*)

Handsome and highly ornamental, hardy perennial plant, of stately growth and varied colors. Height, 3 feet. **Fine Mixed**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

**GAILLARDIA.** See Blanket Flower.

**Gourds**

**Ornamental Varieties, Mixed.** Includes a great number of interesting and diverse forms of the Gourd family. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts.

**GYPSOPHILA.** See Baby's Breath.

**HELIANTHUS.** See Sunflower.

**HELICHRYSUM.** See Strawflower.

**Hollyhock**

**Chater's Superb Double Mixed.** One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts., 3 pkts. 25 cts.

**Single Mixed.** Probably the most showy of the many good old-fashioned flowers. See illustration. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Hyacinth Bean · Dolichos**

Rapid-growing climber, bearing a profusion of bean-like flowers. **Choice Mixed Colors**, pkt. 10 cts., oz. 15 cts.

**KOCHIA.** See Mexican Fire Bush.

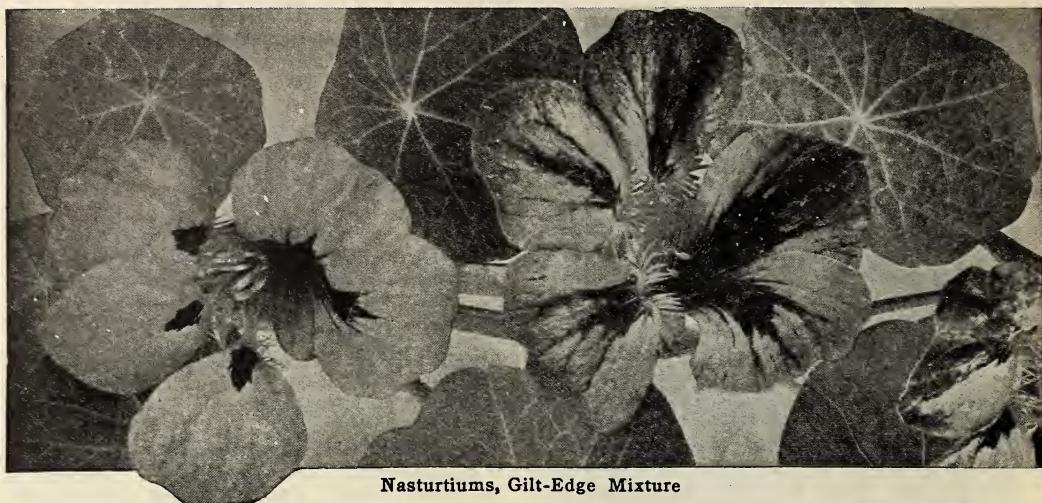


Annual Larkspur

**Annual Larkspur · Delphinium**

The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. Their bright colors are very showy in the garden and are also fine for cutting. **Mixed choice colors**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

We appreciate the many kind letters from customers commending our flower seeds. We thank you



Nasturtiums, Gilt-Edge Mixture

### Lupinus

Lupines are showy plants, a little out of the ordinary, with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the sweet pea. Used extensively for bedding. Do not attempt to transplant the annual sorts.

**Hartwegi. Annual, Finest Mixed.** Choice assortment of colors. 2 ft. Pkt. 10 cts., oz. 25 cts.

**Polyphyllus. Hardy Perennial, Finest Mixed.** Various shades of Pink, Purple, Blue, and White. If sown early will bloom the first season. 3 ft. Pkt. 10 cts., oz. 30 cts.

### Marigold

Old-fashioned annuals, rich and showy, blooming continually all summer; excellent for bouquets and a beautiful garden plant.

**Giant African, Double.** Height, 3 feet. Finest Mixed. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**French Dwarf, Double Mixed.** Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

**Legion of Honor (Little Brownie).** A single-flowering French Marigold, forming compact bushes 9 inches high. The flowers are golden yellow, marked with a large spot of velvety crimson at the base of each petal. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 25 cts.

### Mexican Fire Bush or Summer Cypress · Kochia

An easily grown annual which grows into a cypress-like hedge, with feathery green foliage. At the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 10 cts., oz. 15 cts.

### Morning-Glories

Fine for covering fences and trellises on account of their rapid, luxuriant growth. They bloom freely all summer. (See illustration.)

**Choice Mixed Colors.** Pkt. 10 cts., oz. 15 cts.

**Japanese Imperial.** Flowers of immense size in a great variety of colors. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts.

### Nasturtiums

Our Gilt-Edge Mixtures are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, do not let them go to seed.

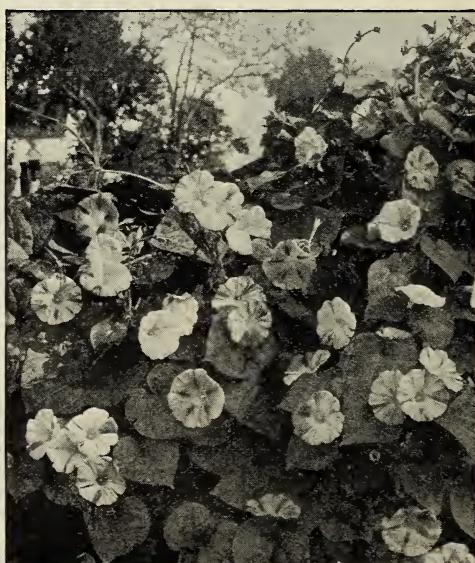
**Tall or Climbing.** Choicest Mixed Varieties.

**Tom Thumb Dwarf,** Choice Mixed Colors.

$\frac{1}{2}$  oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

### Mignonette, Sweet-scented

Valuable on account of its fragrance. Sow in succession during the summer. Pkt. 10 cts., oz. 15 cts.



Morning-Glories

### Pansies

**Large-flowering Mixed.** A great diversity of colors. Pkt. 10 cts., 3 pkts. for 25 cts.,  $\frac{1}{8}$ oz. 40 cts.

**Orchid-flowered, Mixed.** Delicate light colors. Pkt. 15 cts.,  $\frac{1}{8}$ oz. 40c.,  $\frac{1}{8}$ oz. 60c.,  $\frac{1}{4}$ oz. \$1.

**Giant-flowering Mixed.** This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 25 cts.,  $\frac{1}{8}$ oz. 50 cts.

**Mammoth Five-blotched Mixed.** Prepared from named varieties comprising the most magnificent colors. Pkt. 25 cts.,  $\frac{1}{8}$ oz. 50 cts.,  $\frac{3}{8}$ oz. \$1,  $\frac{1}{4}$ oz. \$1.75.

### Petunias Giants of California

**Giant-flowered Ruffled Varieties.** Vigorous growers of semi-trailing habit, with flowers which often measure 4 inches across. Many light shades, mostly with blotches and pencil-markings of a different color in the throat. A superb strain. Pkt. 25 cts.

### Double Petunia, Fancy Fringed

An excellent, carefully hand-pollinated strain, yielding a large percentage of plants having double, finely fringed flowers. Embraces a splendid variety of colors and many beautiful combinations. The seed of this is extremely costly. Small pkt. 35 cts.



Petunia, Giants of California

### Balcony Petunias

These large and beautiful Petunias were bred to

produce a wealth of bloom when grown in porch or window-boxes, or garden vases; when grown in beds or borders they produce pleasing, striking effects.

**Balcony Blue.** Velvety indigo-blue. Pkt. 15 cts.

**Balcony Rose.** Brilliant rose-pink. Pkt. 15 cts.

**Balcony White.** The pure white form. Pkt. 15 cts.

**Balcony Crimson.** Velvety crimson. Pkt. 15 cts. One pkt. each of above 4 Balcony Petunias for 50 cts.

**Choicest Mixed.** Pkt. 15 cts.,  $\frac{1}{8}$ oz. 75 cts.

**Rosy Morn.** The flowers are of the most pleasing shade of light carmine-pink. Most popular for porch-boxes and borders. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 60 cts.

### Single Bedding Petunias

Everyone has room for some Petunias, either in porch or window-boxes, beds, borders or rockeries. Sowing the seed early in the house or hotbed will give you a wonderful display of bloom the entire season.

**Choice Mixed Colors.** Pkt. 10 cts.,  $\frac{1}{8}$ oz. 25 cts.



Balcony Petunias



Phlox Drummondii with Delphinium in background

### Phlox Drummondii

One of our finest hardy annuals, easily grown from seed; makes a brilliant display as a summer bedding plant. **Mixed Colors**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 35 cts.

### Annual Poppy

**American Legion.** A greatly improved English Scarlet or Flanders Poppy with very large flowers of dazzling orange-scarlet. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

**Carnation-flowered.** Double fringed. Mixed colors, pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts.

**Shirley.** An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture. Mixed colors, pkt. 10 cts.,  $\frac{1}{8}$ oz. 15 cts.,  $\frac{1}{4}$ oz. 25 cts.

### Oriental Poppy HP

(*Papaver orientale*)

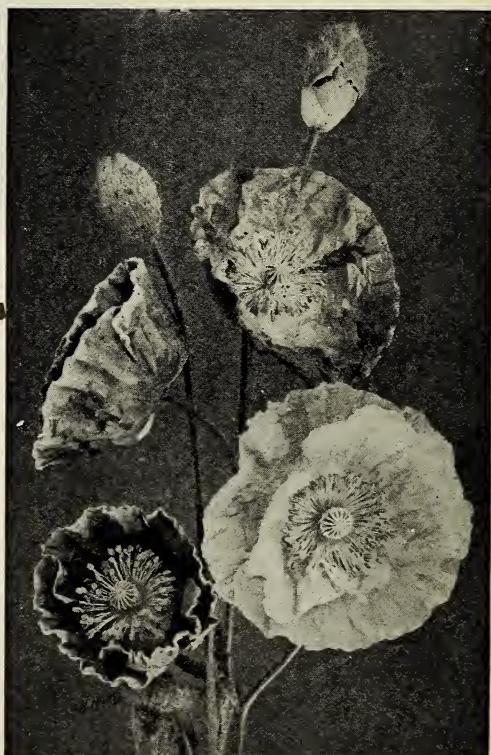
The big, bright scarlet, Decoration Day Poppy. A hardy perennial form bearing immense single flowers in spring. It should be in every garden. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 25 cts.

You can't go on growing crops year in and year out unless you put back into the soil the plant-food elements removed by each season's crops.

### SACCO PLANT-FOOD MAKES THINGS GROW

*Clean, Odorless, Easy to Apply*

**Sacco Plant-Food** is a specially prepared fertilizer that supplies every necessary element for healthy plant-growth—Nitrogen, Phosphates, and Potash combined in exactly the right proportions. It produces truly amazing results with few applications. See page 49 for prices, etc.



Shirley Poppies

Now please consider quality first in buying for your garden—the best is none too good for our customers



Edging of Portulacas with Zinnias in background

### Portulaca

Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation.  
**Single Mixed**, pkt. 10 cts.,  $\frac{1}{4}$ oz. 25 cts.

### Salvia · Scarlet Sage

This popular and showy bedding plant should be started either in the house or in hotbeds.

**Bonfire.** Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers.  
 Pkt. 10 cts.,  $\frac{1}{4}$ oz. 50 cts.

**Splendens.** Tall-growing plants. Height, 3 feet.  
 Pkt. 10 cts.,  $\frac{1}{4}$ oz. 60 cts., oz. \$2.

### Scarlet Runner Bean

A rapid climber, 10 to 15 feet high, flowering profusely. Pkt. 5 cts., oz. 10 cts., 3 ozs. 25 cts.

### Shasta Daisy HP

**Alaska.** For a midsummer white we know of nothing that is really more satisfactory than the Shasta Daisy. It makes a splendid showing as a border and is almost unsurpassed for cutting. Alaska is a very large-flowering strain, the blooms measuring 4 to 5 inches across, with broad overlapping petals of purest white. Easily grown from seed sown in the open ground. One packet sows 12 feet of row. Pkt. 15 cts.,  $\frac{1}{4}$ oz. 50 cts.

**Mixed.** A general mixture saved from extra-choice hybrids, and certain to produce varieties of merit. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

### Snow-on-the-Mountain (*Euphorbia variegata*)

A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white. Much used in mixed borders and as a background for lower-growing plants. Height, 2 feet. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

Nearly all of our flower and vegetable seeds are priced at 10 cts. Select any 6 for 50 cts.

### Feed Your Lawn and Garden Fertilizers. Make Them Grow

A rich, velvety lawn, beautiful flowers and shrubbery, and a generous productive garden are the pride of every home-lover. Growing plants are continually using up the food elements from the soil. To have vigorous, healthy plants, these food elements must be provided for in abundance. The various fertilizers listed in this catalogue on pages 49 and 50 will supply the soil with this necessary plant-food and aid in the producing of healthy, vigorous growth.



Giant Snapdragons

### Giant Snapdragon · Antirrhinum

Few flowers equal the Snapdragons for brilliancy of color, and because of this they are among our most showy and useful border plants. The new varieties are so far superior to the old-time Snapdragon that really there is no comparison. The blooms are very much larger, are better shaped, and far more brilliantly colored. The plants bloom very freely over a long period and are of extremely easy culture.

**Harmony.** Terra-cotta, shaded pink. Pkt. 15 cts.

**Queen Victoria.** Giant white. Pkt. 15 cts.

**Empress.** Brilliant crimson. Pkt. 15 cts.

**Gloria.** Rose-pink. Pkt. 15 cts.

**Golden Queen.** Bright yellow. Pkt. 15 cts.

**Silver Pink.** Pearly pink self. Pkt. 15 cts.

Six packets as named above, 50 cts.

**Giants, Special Mixture.** Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. 25 cts.,  $\frac{1}{4}$ oz. 35 cts.

## Scabiosa (Mourning Bride)

(Pin-cushion Flower)

These beautiful hardy annuals are in great demand. They grow about  $2\frac{1}{2}$  feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are much in demand. The various shades are very charming. **Choice Mixed Colors.** Pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts., oz. 60 cts.

### Large-flowered Double Scabiosa

As shown in colors in last year's catalogue.

The Scabiosa, an old favorite, has lately been taken in hand by the hybridizers, and the results they have produced are marvelous, both in size and color of the flower. The colors range from purest white, reds, pinks, yellows, blues, lavenders, black, maroons, etc. The stems of these new varieties are longer, some measure  $1\frac{1}{2}$  feet in length, and all of them averaging 1 foot, making them wonderful cut-flowers for home vases.

We highly recommend these new hybrid Scabiosas to all growers, at least to the extent of planting a bed. We are offering a collection of six distinct new hybrid varieties and have spent considerable effort in making this the finest collection ever offered.

**No. 1. Crimson Glory.** A bright crimson, giving additional individuality to the collection and bringing out, in contrast, the other colors. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**No. 2. Azure Fairy.** Beautiful lavender-blue—a delicate shade; large flowers and long stems. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**No. 3. Shasta.** This new, magnificent, pure snow-white Scabiosa is also of enormous size, borne on long stems, and very showy. One of the very latest introductions. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**No. 4. King of the Blacks.** Velvety black-purple shading to dark maroon—a striking flower necessary to complete the collection. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**No. 5. Yellow.** A distinct flower among the Scabiosas, adding charm and color to the collection. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

**No. 6. Peach Blossom.** A beautiful shade of peach-blossom-pink. The flowers are of a very large size and perfect form on long stems. It is charming and will make a most excellent cut-flower. One of the latest introductions. Pkt. 15 cts.,  $\frac{1}{4}$  oz. 75 cts.

A collection of the above 6 named varieties for 75 cts.



Double Sunflower



Helichrysum (Strawflower)

### Strawflower or Everlasting Flower (*Helichrysum*)

Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang, heads down, in a cool place.

**Fireball.** Bright red. **Golden Ball.** Golden yellow. **Rose-Carmine.** Rich and glossy. Each, Pkt. 10 cts.,  $\frac{1}{4}$  oz. 30 cts.

**Giant flowering, Mixed.** This mixture includes all the desirable colors named above. Pkt. 10 cts.,  $\frac{1}{4}$  oz. 20 cts.

### Sunflower · *Helianthus*

**Double Chrysanthemum-flowered.** Rich, golden yellow flowers, perfectly double, resembling a chrysanthemum or dahlia. Height, 6 feet. Pkt. 10 cts., oz. 35 cts.

**Mammoth Russian.** Single flowers of gigantic size. Pkt. 5 cts., oz. 10 cts.

### Sweet-Scented or Flowering Tobacco · *Nicotiana*

Pure white, long, tube-shaped flowers, borne in clusters, opening toward evening and emitting a powerful and pleasant odor. Very showy. Pkt. 10c.

**"An ounce of prevention is worth a pound of cure"** applies to the use of insecticides. Get the bugs before they get your plants. See pages 51, 52.

To germinate fine vegetable and flower seed, sow seeds on top of ground, press into the soil, put a damp burlap bag over the seed. Do not allow it to dry out; keep moist. Remove bag when seeds are up.

Velvet Flower (*Salpiglossis*)

### Large-flowering Salpiglossis (Painted Tongue or Velvet Flower)

A free-flowering annual, succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvety yellow and reddish bronze. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 30 cts.

### Sweet William (*Dianthus barbatus*) HP

These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care, the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 20 cts.

### Wild Flower Garden

A most interesting way in which to grow annual flowers is to reserve a portion of the garden for a Wild Flower Garden and sow mixed seed thickly in it. For this purpose we offer a collection of easily grown Annuals which will furnish a profusion of bloom throughout the season, without the attention necessary for more formal plantings. This mixture is valuable for sowing in bare spots, along fences and on embankments and will convert many an unsightly spot into a place of beauty. Large pkt. 10 cts.,  $\frac{1}{2}$ oz. 15 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts.

### Verbena

An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled. **Mammoth Mixed**, pkt. 10 cts.  $\frac{1}{2}$ oz. 25 cts.

### Double Dahlia-flowered Zinnias

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia. As the result of continued painstaking care and selection, the size, form, and coloring have been much improved and we now offer seven beautiful and distinct varieties, four of which are shown in colors on second cover page.

- No. 1. **Exquisite.** Pale rose, deeper center.
- No. 2. **Purple Prince.** Fine deep purple.
- No. 3. **Crimson Monarch.** Largest and best red.
- No. 4. **Oriole.** Immense; orange and gold.
- Canary Bird.** Fine; large; primrose.
- Meteor.** Deep rich glowing red.
- Polar Bear.** The best large pure white.

Each, pkt. 20 cts., 3 pkts. 50 cts., 6 pkts. 90 cts., 7 pkts. \$1,  $\frac{1}{2}$ oz. 65 cts.,  $\frac{1}{4}$ oz. \$1.20

**Dahlia-flowered Mixed**, from the varieties named above. Pkt. 20 cts.,  $\frac{1}{2}$ oz. 50 cts.

**Giant-flowering Mixed.** A giant form of the old-style Zinnia with flowers 4 to 5 inches across, very double, and in exceedingly brilliant colors. The 2½-foot plants carry a load of blooms which for size, beauty, and range of color cannot be excelled. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 25 cts.,  $\frac{1}{4}$ oz. 40 cts., oz. \$1.25.

**Giant-flowering Scarlet.** Brilliant scarlet. Fine for bedding. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 30 cts.,  $\frac{1}{4}$ oz. 50 cts., oz. \$1.50.



Giant-flowering Zinnia

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautifully colored lithographed packets with reliable directions for culture. Select any 10-cent packets, 6 for 50 cts.; 5-cent packets 6 for 25 cts.

## Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round, open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are very superior in every respect.

**Austin Frederick.** A giant-flowered lavender.

**Blanche Ferry Spencer.** Apple-blossom-pink.

**Charity.** Deep rich crimson; best of its color.

**Constance Hinton.** The largest and finest white.

**Elfrieda Pearson.** This is the finest light pink.

**Hawlmank Pink.** Rose-pink shaded salmon.

**Hebe.** Mammoth bright pink.

**Hercules.** A lively rose-pink, large in size.

**Majestic Cream.** The newest and best primrose.

**Margaret Atlee.** Apricot-pink on a cream ground.

**Mary Pickford.** Creamy salmon-pink.

**Mrs. Tom Jones.** Delphinium-blue.

**Picture.** Flesh-pink, suffused apricot.

**Pinkie.** Mammoth deep rose-pink.

**Royal Scot.** The finest brilliant scarlet.

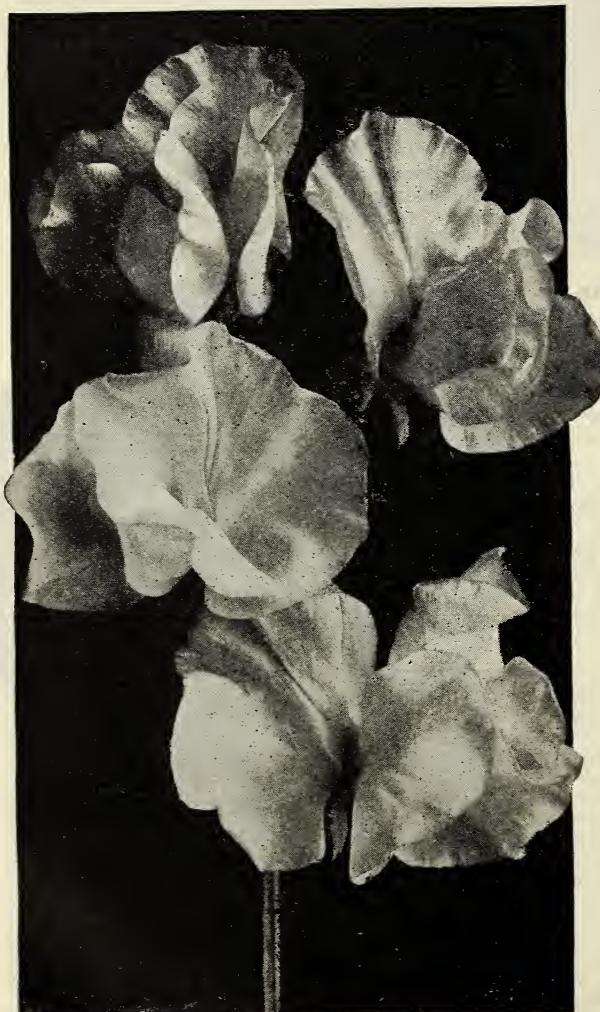
**Royal Purple.** Rich royal purple. Most distinct.

**Tangerine Improved.** A wonderful glowing orange.

**Warrior.** Deep maroon.

**Wedgwood.** Wedgwood or silvery blue.

Prices of the above carefully selected varieties, large pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 85 cts.; the complete collection, 19 named varieties for \$1, all postpaid.



Giant Spencer or Orchid-flowered Sweet Peas. Wonderful large flowers on long stiff stems

### Spencer Mixture

Blended from only the Giant Waved Spencer varieties. We are sure this mixture will give absolute satisfaction. Large pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$2, postpaid.

It requires one ounce of Sweet Peas to sow 10 ft. of single row

### New Early-flowering Spencer Sweet Peas

In response to numerous inquiries from the commercial growers, who appreciate their value under glass, as well as the amateur who desires them for outdoor culture, we submit the following as being the best Early-flowering Spencer Sweet Peas in their range of color and high quality.

**Glitters.** Fiery cerise.

**Harmony.** Best clear lavender.

**Miss Louise Gude.** Clear rose-pink.

**Mrs. Kerr.** Orange-salmon.

**Snowstorm Improved.** Best pure white.

**Superior Pink.** Morse's. Rich rose.

**Zvolanek's Perfection.** Giant bright pink.

Pkt. 10 cts., 3 for 25 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.40  
Collection: One pkt. each of above 7 varieties, 50 cts., postpaid

**Early-flowering Spencer Mixture.** Pkt. 10 cts., oz. 35 cts., 2 ozs. 60 cts.,  $\frac{1}{4}$ lb. \$1, postpaid.

### Gilt-Edge Mixture

Our customers sometimes prefer a mixture where all classes are represented. Large pkt. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1, postpaid.

Our seeds are put up in liberal size, colored lithographed packets, with careful cultural directions on each packet.

# Chaapel's Distinct Gladiolus

The Glad Flower in all its Glory

Like old songs, some of the older varieties of Gladiolus linger in the affection of the growers. They are rapidly being displaced by the newer and better kinds, noted for their strong, free growth, free-blooming qualities, purity of colors, and their ability to produce.

Chaapel's Distinct Glads are some of the rarer sorts of recent introduction, which we are offering at commercial prices.

Even though you may have many Gladiolus of the older varieties, we believe you will want some of the newer varieties offered in these very selected lists.

## Distinct Novelties of Recent Introduction

**CARMEN SYLVA.** Large, snow-white flowers, well placed on perfectly straight, tall stems. An extra-fine cut-flower variety. 25 cts. each.

**CAPTAIN BOYNTON.** Beautiful lavender with deeper blotch on lower petals. The large flowers are perfectly placed on tall, strong stems. An excellent variety and an early forcer. 30 cts. each.

**GOLDEN MEASURE.** Very large, pure golden yellow flowers of good substance. A robust grower and considered the best yellow on the market—a super-Glad. 20 cts. each.

**GIANT NYMPH.** Very large, wide-open, light rose-pink flowers with creamy yellow throat and well arranged on 6-foot stems. 20 cts. each.

**MISS MADISON.** The wide-open flowers are purest deep pink, selfcolor, very large, and many open at a time. Strong, long stems. Extra fine. 25 cts. each.

**MRS. LEON DOUGLAS.** Enormous blooms of begonia-rose, striped with flame-scarlet, lower petal pale lemon, speckled ruby, many open at a time. Very tall, strong stem with several side shoots, the whole forming a gigantic bouquet. Considered one of the largest Glads in existence. 25 cts. each.

**PURPLE GLORY.** Deepest velvety maroon with almost black blotches; large, ruffled flowers on very tall, sturdy stems. A real giant in all respects. 25 cts. each.

**SCARLET WONDER.** Mammoth flowers of purest deep scarlet, many open at a time on tall, stiff stems. A real giant. 25 cts. each.

Collection: One each of above 8 Gladiolus, \$1.50

## Latest Introductions of Highest Merit

**DR. F. E. BENNETT.** Peach-red, overlaid with flame-scarlet, throat speckled ruby and creamy white. Very large flowers of great substance, many open at a time, on strong stem. Sturdy grower. 50 cts. each.

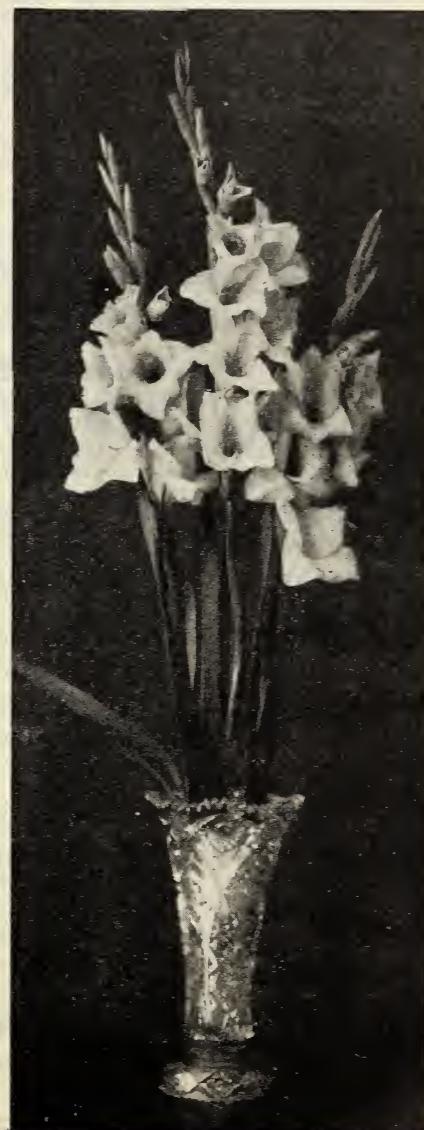
**MR. W. H. PHIPPS.** La-France-pink, overlaid with salmon-rose, lighter toward the center, lower petals faintly striped and speckled with ruby. Enormous flowers, as many as twenty open at a time, and perfectly placed on gigantic stem. A real super-Glad. 50 cts. each.

**TRUDEL GROTTZ.** Glowing salmon-pink, with small red blotch in throat, giving the whole a warm, striking appearance. Enormous flowers on strong, tall stem. Very good grower and propagator. 50 cts. each.

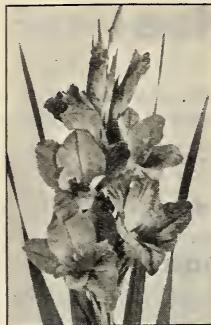
Collection: One each of above 3 Gladiolus, \$1.25

## NO FLOWER IS EASIER TO GROW THAN THE GLADIOLUS

The most attractive of all summer-flowering bulbs is the Gladiolus. Wonderful improvements have been made in recent years in the size and beauty of these flowers. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to October by planting at intervals from April to June. Plant 6 inches apart in beds or double rows and 3 inches deep.



Carmen Sylva



## Chaapel's Select Gladiolus

In this collection we offer many of the rarer sorts, the ones that are strong growers, free bloomers, and that give satisfaction. Our bulbs are clean, free from disease, and will be an ornament to any garden and at prices so reasonable that they should be planted in quantity.

**Albania.** Large, wide-open pure snow-white flowers with beautiful round petals. Extra fine.

**Bluebird.** A truly remarkable Gladiolus. The newest and best blue. Deep velvety purple-violet blooms almost twice the size of Baron Hulot. A very desirable variety.

**Byron L. Smith.** Delicate lavender flowers, deepest at the edges of the petals and shading toward white in the center, well arranged on good stems. It gives the impression of an orchid.

**Crimson Glow.** Large, open, perfect deep scarlet flowers, well placed on a tall spike.

**Evelyn Kirtland.** Blooms very warm rose-pink, deeper at the edges of the petals, shading towards shell-pink in the center, brilliant scarlet blotches on the lower petals; borne on strong stems. One of the most desirable varieties for cutting.

**Flora.** Beautiful, large, pure golden yellow flowers and lots of them. Strong grower.

**Henry Ford.** A new and distinct variety. It is a midseason bloomer, with flowers averaging 4½ inches across, and rhodamine-purple in color.

**PRICES.** Regardless of what others charge, we offer this specially prepared list of large No. 1 clean, healthy bulbs as follows: 10 cts. each, 25 cts. for 3, 95 cts. per doz., \$7.50 per 100.

**Louise.** Orchid-lavender with deeper blotch in throat—a refined color combination. Wide-open flowers on strong stems.

**Mrs. Dr. Norton.** Silvery white base, tinged with pink, deepening toward the edges of the petals, creamy blotches in throat on lower petals. Tall, vigorous grower; splendid cut-flower.

**Pink Wonder.** La France-pink, shading to pale pink in the throat, with yellow reflex at the base of the lower petals. Immense, wide-open flowers on strong stem. A real beauty.

**Pride of Lancaster.** Flowers brilliant orange-salmon with scarlet throat, beautifully ruffled and borne on tall, strong stems.

**Rose Ash.** Large old-rose flowers, overlaid and blended with pink, blue, and red, giving the color of ashes of roses, hence its name; tall, strong spikes. Very attractive.

**Twilight.** Creamy buff, edges of petals flaked pink, throat primrose-yellow and pink. Splendid ruffled variety.

**Virginia.** Large, massive flaming scarlet flowers, many open at a time, making a gorgeous display of dazzling red.

**White City.** Spikes 5 to 6 feet tall, with very large, almost pure white flowers. Grand for cut-flowers.

**PRICES.** Regardless of what others charge, we offer this specially prepared list of large No. 1 clean, healthy bulbs as follows: 10 cts. each, 25 cts. for 3, 95 cts. per doz., \$7.50 per 100.

## Popular Standard Gladiolus

This superb list of reliable sorts includes many new and standard kinds, embracing the greatest possible range of color. All large-blooming bulbs.

**Baron Hulot.** Rich deep indigo blue, narrow yellow pencil stripe on lower petals; a splendid companion to Flora in funeral wreaths.

**Catherina.** Wonderful grayish light blue flowers, lower petals a little deeper blue with brownish red spot.

**Chateau Thierry.** Orange-cerise with yellow-bordered red blotch on lower petals; tall spike with wide-open, well-formed flowers.

**E. J. Shaylor.** Splendid deep rose-pink. One of Kunder's best ruffled varieties and a good cut-flower.

**Elora.** An extremely fine, large, tall grower, with creamy white flowers having a rich crimson throat.

**Gretchen Zang.** Beautiful soft pink shading to geranium-pink at the edges of the petals. Tall, graceful spike.

**Mary Pickford.** Lovely creamy white blooms with soft sulphur-yellow throat; stem also creamy instead of green, giving the whole a delicate, unique appearance.

**Mrs. Frank Pendleton.** The salmon-pink color extends to reverse of the petals as well as in the center, with a rich, deep maroon blotch on the three lower petals. Flowers are wide open.

**Odin.** A little deeper salmon than Prince of Wales, with small, deep red spot on lower petals and larger flowers. A very early, exquisite variety.

**Pink Perfection.** Lovely apple-blossom-pink, with a few darker markings. A great flower on a tall spike, perfect in every detail.

**Prince of Wales.** An early-flowering sort with fine spikes of large, delicate apricot-pink flowers.

Prices of above varieties: 5 cts. each, 55 cts. per doz., \$4.50 per 100

## Primulinus Hybrids

### The "Butterfly" Gladiolus

A new, small-flowered type and free, continuous bloomers, running from light yellow to orange-saffron, apple-blossom-pink and other butterfly shades.

**Alice Tiplady.** Orange-saffron flowers, unusually large for the class and beautifully ruffled. 5 cts. each, 50 cts. per doz., \$4 per 100.

## Popular Mixture of Gladiolus

Composed of high-grade varieties in mixture. A splendid lot of bulbs at very low prices. 25 cts. for 6, 50 cts. per doz., \$3 per 100.

## Butterfly Mixture

A splendid mixture of colors in the older named Primulinus varieties. All good strong growers. 25 cts. per doz., \$1.50 per 100.

If bulbs are wanted by Parcel Post, add 10 cents extra for the first dozen and 1 cent extra for each additional dozen.



## **SEEDS FOR THE HOME GARDEN**

**I**T IS a great satisfaction to us when we supply the home gardener with Chaapel's Vegetable and Flower Seeds, because we know that we have done our part in having our seeds grown especially for our trade by seed-growing experts in this and foreign countries in locations where nature produces the best.

As seedsmen of over 50 years' experience, we have been able to profit by the knowledge so gained, and we are giving our customers the benefit of this by supplying them with the varieties best suited to make their operations successful.

It should be worth considerable to the home gardener to know that he is getting the same identical selected stock of high-quality seeds and that his orders receive the same careful attention when he orders from Chaapel's as do the largest commercial growers.

For the convenience of the home gardener, we put up, from our bulk stock, our seeds in lithographed packets that retail for 5 and 10 cents each. If larger amounts are wanted, we can supply by the ounce, quart, pound, or bushel.

We invite you to make our store your source of supply, and we welcome the opportunity to advise and assist our many customers. If you are in doubt, probably we can aid you; we do have some knowledge of gardening in all its phases; let us help you.

### **CHAAPEL'S SEED STORE**

**39 East Third St., WILLIAMSPORT, PA.**

**HARRY CHAAPEL  
P. A. McCOWAN**

**Bell Phone 4208**



Brussels Sprouts

### Asparagus

**Washington Rustproof.** This new strain is the result of years of plant-breeding conducted by the Bureau of Plant Industry of the U. S. Department of Agriculture. It is a rust-resistant, vigorous, high-yielding strain of giant Asparagus, and by comparison with all other varieties which have been in standard use during recent years, the Washington strain stands in a class by itself. Pkt. 10c., oz. 45c.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

### Asparagus Roots

Supplied after April 1. Use about 4,000 plants to an acre. Tied in bunches of 50 each. **Martha Washington.** 2-year-old plants, 50 cts. per doz., \$1.75 per 100, \$15 per 1,000.

If by mail add postage as follows: Doz., 10c.; 100, 25c.

### Brussels Sprouts

**Carter's Perfection.** A species of cabbage; cultivation is the same. A new variety of fine quality and compact growth. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$2.50.



White Vienna Kohlrabi

### Kohlrabi TURNIP-ROOTED CABBAGE

It is regrettable that this splendid vegetable is not more widely used. We would suggest that you give it a trial and, if pleased with it, recommend it to your friends. The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White** and **Purple Vienna**. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

### Corn Salad or Lamb's Lettuce

A small, quick-growing salad plant. The leaves are used as a substitute for lettuce and spinach. In fall, sow the seed in shallow drills. The plants will also do well if the seed is sown early in spring. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.



Danvers Half-Long Carrot

### Carrots, Table Varieties

**Coreless.** This comparatively new variety is by far the earliest of its type, but its earliness does not affect in any way its size or quality. It is a half-long, cylindrical, blunt-pointed variety, with a very small tap-root and small, fine top. The shape and size are extremely uniform, averaging 6 to 7 inches in length and  $1\frac{1}{2}$  inches in diameter, clean-skinned, smooth, and easily pulled. The flesh is very fine-grained, absolutely without any woody heart or core, and entirely free from stringiness and coarseness. The color of the flesh is a rich red-orange, and its flavor is of the finest. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Chantenay.** A most excellent, medium-early, half-long variety. It is one of the best in quality for the market and home-garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium-sized, with small neck. The mature roots are thick,  $5\frac{1}{2}$  to 6 inches in length, uniformly half-long or stump-rooted but tapering slightly, smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium-early sort, the roots are suitable for use nearly as early as any. The variety is extensively used for bunching. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1.

**Danvers Half-Long.** Grown largely on account of its great productiveness and adaptability to all classes of soil. The tops are of medium size, and the mature roots of medium length, 6 to 8 inches, tapering uniformly to a blunt point. The flesh is deep orange, tender, and of good quality. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1.

**Improved Long Orange.** The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. The roots are tender and of good quality. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1.

**Oxheart.** Roots short and thick. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. \$1.



Coreless Carrot

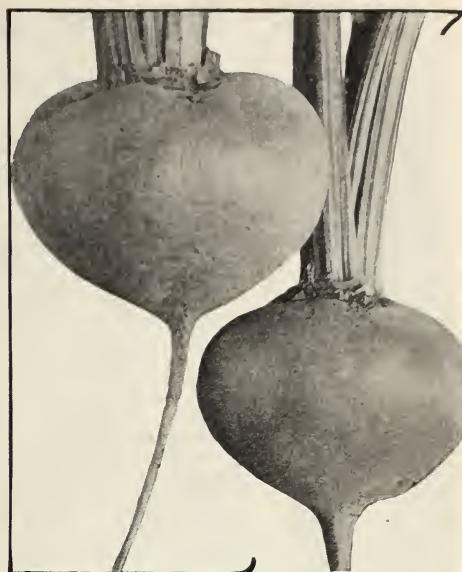
## Table Beets

Beets are so easy to grow you should plant at least a row or two in your garden. They may be cooked and sliced for salads; buttered beets are delicious; a few jars of pickled beets will be a treat in the winter. Sow as early as the ground can be prepared. For fall and winter use make a later sowing in early July. Sow 1 ounce to 50 feet of drill.

**BOSTON CROSBY.** An improved Early Wonder and a most profitable first-early Beet for the market-gardener. It has smaller tops and tap-roots, is globular in shape, early, remarkably uniform, color black-red with deep purplish red flesh, almost free from lighter colored rings or zones. Boston Crosby is the best introduction of a marketable size Beet of the highest quality. (See illustration.) Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**EARLY WONDER.** One of the earliest and most perfectly shaped Beets for bunching purposes. Its beautiful deep blood-red, nearly globular shaped root, small-sized top, and small clean tap-root make it a strong asset in the Beet family. Pkt. 10 cts.,  $\frac{1}{2}$  oz. 15 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**DETROIT DARK RED.** Forms globular, smooth roots, with small tops; skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its extra-deep dark red color. (See illustration.) Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1, 10 lbs. \$7.50.



Boston Crosby Beets

**CROSBY'S EGYPTIAN.** One of the earliest and most popular Beets grown. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.

### Swiss Chard, or Spinach Beet

**LARGE SILVER.** Grown for the leaves only, and cooked like spinach. The midrib is prepared like asparagus. It can be sown at different seasons of the year, giving successive greens. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.

**GIANT LUCULLUS** (Crumpled-leaved Swiss Chard). A new variety with larger stems and closely crumpled leaves. The leaves, instead of being smooth, are deeply and closely crumpled similar to a savoy cabbage. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.

### Mangel-Wurzel Stock Beets

The value of Mangels for stock-feeding is clearly seen in the improved health and condition of the animals, the increased flow and quality of milk from cows, and the saving in fodder. They yield enormously and can be grown at trifling cost. About one-fourth of the daily rations should be of roots. They are also excellent feed for poultry, being a valuable egg-producer.



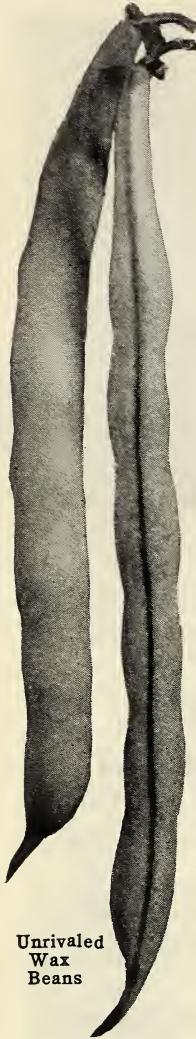
Detroit Dark Red Beet

**GOLDEN TANKARD.** Yellow flesh; large and sweet; a heavy copper. Considered best for poultry, as it is less fibrous. Oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

**LONG RED MAMMOTH PRIZE.** The most popular variety. It grows above ground and attains enormous size, producing the largest tonnage per acre of any of the Mangel-Wurzels. Oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts., 10 lbs. \$4.



Giant Lucullus Swiss Chard



Unrivaled  
Wax  
Beans

## Beans, Dwarf Wax or Butter

Liberal packets 10 cts., postpaid

*We do not pay postage on Beans (except packets). If ordered by parcel post, add 10 cts. extra for first quart, and 2 cts. for each additional quart.*

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections. (Crop short, prices subject to change.)

### Pencil-Pod Black Wax Dwarf or Butter Beans

The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one "Best Bean." It is early, prolific, entirely stringless under all conditions, and can be

Inoculate  
this seed with  
NOD-O-GEN

grown for early spring, midseason, and late canning markets. The seed is shining blue-black; the pods are large— $5\frac{1}{2}$  to 6 inches long—round, nearly straight and crease-backed, strictly stringless, free from fiber, fleshy and brittle, of the highest quality and of a clear yellow color, cooking with a delicious flavor. The bushes are dwarf, prolific, and sure croppers. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12. Postage extra.

### Unrivaled Wax, Semi-Flat

**Pod.** With the exception of our Pencil-Pod Black Wax, there is probably no variety of Wax Beans grown that has greater all-round value than this one. The plant is strong and vigorous and bears enormous crops of light yellow pods about  $5\frac{1}{2}$  inches long, somewhat curved, semi-flat, rather slim but fleshy, and of the finest texture and tenderness. The seeds are small, slightly kidney-shaped, ochre-brown. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Postage extra.

### Sure-Crop Stringless Wax.

Sometimes sold as Bountiful Wax. Without a doubt the most thoroughbred flat-podded Wax Bean yet introduced. It starts bearing within 60 days after seeds are sown. The pods average 6 to 7 inches long, are very meaty, flat but thick through, and in common with most black-seeded varieties, Sure-Crop Stringless Wax is very hardy and may therefore be planted several days earlier than the light-seeded sorts. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Postage extra on all Beans.

### Webber, or Crackerjack Wax (Flat-Pod).

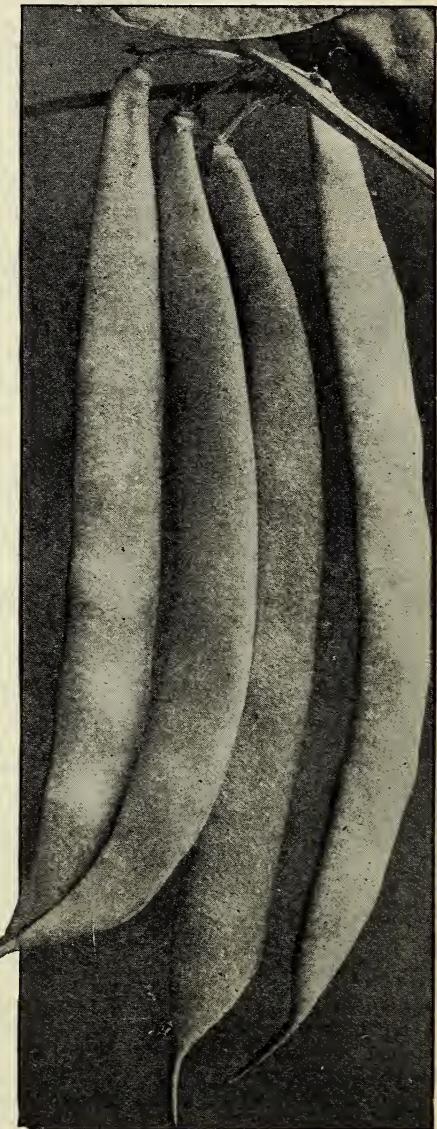
A high quality, flat-podded, stringless variety of the season of Wardwell's Kidney Wax. Pods 6 to  $6\frac{1}{2}$  inches long, quite broad and uniformly curved, fleshy, stringless and brittle, with little fiber. Plant more vigorous and productive than Wardwell's. Color of pod is a decided bright yellow. Seed yellow, kidney-shaped. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Postage extra. (See illustration.)

### Improved Rust-Proof Golden Wax.

It is one of the earliest of the popular six-weeks' dwarf Beans for the market and private home-gardens. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Postage extra.

### Davis' White Kidney Wax.

An early Wax variety. Pkt. 10 cts.,  $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Postage extra.



Webber, or Crackerjack Wax Bush Beans

## Green-Podded Dwarf or Bush Beans

If Beans are wanted by parcel post add postage, 10 cts. extra for first quart, 2 cts. for each additional quart

**BURPEE'S STRINGLESS GREEN-POD.** Very hardy and extremely early sort of extra-fine quality. Vigorous; upright in habit; extremely early; handsome appearance; finest quality of pods. Stringless Green-Pod is the quickest to produce; pods of a rich green, very round and straight, 5 to 6 inches long, solidly meaty. The pods are brittle and of finest flavor, tender, always stringless even when fully matured; extra hardy. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15. Prices subject to change.

**IMPROVED EARLY RED VALENTINE.** The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15.

**BOUNTIFUL GREEN-POD.** Best of the flat-podded stringless varieties. Pods 6 $\frac{1}{2}$  to 7 inches long, thick, flat and slightly curved, stringless, slightly fibrous, attractive and of fine quality; color light green. Very early, vigorous, hardy, and productive. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4, bus. (60 lbs.) \$15.

### Bush Field Beans Shell, Soup, or Baking Varieties

**WHITE MARROW.** Everybody uses them. It is a good, profitable crop to grow. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.50, pk. \$2.50, bus. \$10.

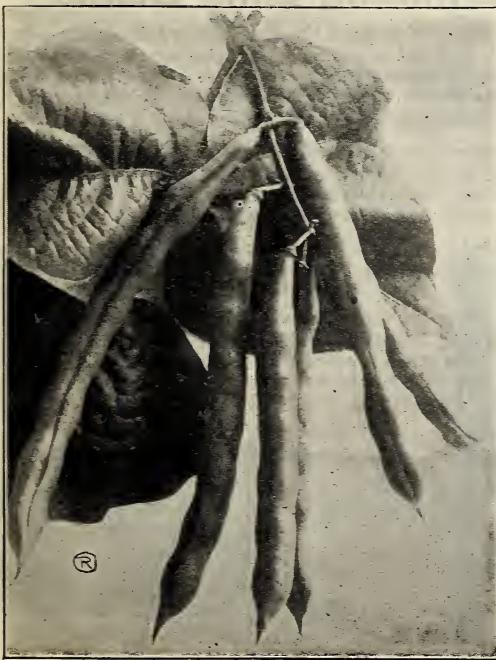
**WHITE KIDNEY.** The Beans are white and larger than White Marrow.  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.50, pk. \$2.50, bus. \$10.

**BOSTON SMALL PEA or NAVY.** Produces small, white Beans, suitable for soup or baking. One of the best for this purpose. Pkt. 10c.,  $\frac{1}{2}$  pt. 15c., pt. 25c., qt. 50c., 4 qts. \$1.50, pk. \$2.50, bus. \$10.

**RED KIDNEY.** An old variety; very popular. Seed is red; plant grows dwarf. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25c., qt. 50c., 4 qts. \$1.50, pk. \$2.50, bus. \$10.



Burpee's Stringless Green-Pod Beans



Ideal Market, New Pole Beans

### Pole or Running Beans

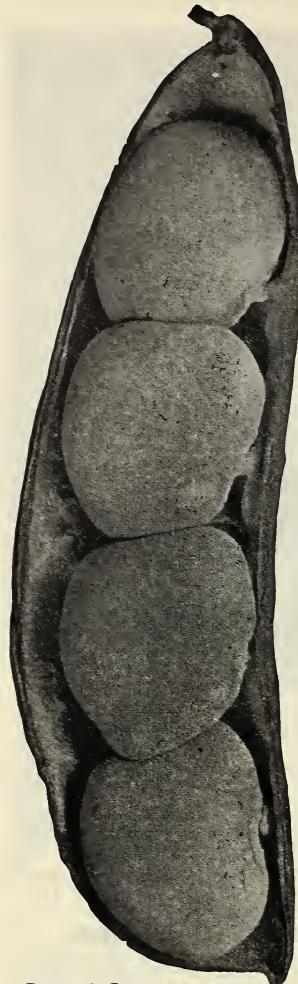
These are of strong, running growth, and need stout poles on which to climb. They require a longer season in which to mature than do the bush varieties, but by reason of their stronger growth are more productive and, growing on poles, are more easily gathered. Several varieties are desirable as Shell Beans.

**IDEAL MARKET.** Earliest and most prolific of the green-podded pole Beans, being a full week earlier than Kentucky Wonder. Pods 5 inches long, round, slightly curved, stringless and borne in clusters of six; very tender, pulpy and excellent quality; seeds black. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.

**EARLY GOLDEN CLUSTER WAX.** Very early; fine quality; stringless; very productive; remains tender long after pods are developed. Beautiful golden yellow pods, very broad and 8 to 12 inches long. Good both for snap and shelling. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 75c., 4 qts. \$2.50.

**KENTUCKY WONDER, or OLD HOMESTEAD.** The pods, 7 to 9 inches long, are so fleshy that they are *greater in width than breadth*, being deeply creased or *saddle-backed*. They are solidly meaty, stringless when young, and of finest quality. Pkt. 10c.,  $\frac{1}{2}$  pt. 25c., pt. 45c., qt. 75c., 4 qts. \$2.50.

**LAZY WIFE'S.** The broad pods measure 4 $\frac{1}{2}$  to 6 inches in length. Seed white. Pkt. 10c.,  $\frac{1}{2}$  pt. 25 cts., pt. 45 cts., qt. 75 cts., 4 qts. \$2.50.



Burpee's Improved Bush  
Lima Beans

## Bush Lima Beans

**Burpee's Improved Bush Lima.** The best of the dwarf Limas, having enormous pods filled with Beans that are larger and thicker than the old Burpee's Bush Lima and fully a week earlier. The Beans are meatier and better flavored and retain their greenish appearance much longer than the old type and they are heavier croppers.

**BURPEE'S IMPROVED.** This is about the earliest maturing of the large-seeded Limas. The plants are vigorous and productive. The pods are medium green, very large, about 5 inches long, thick and usually contain four Beans, which are extremely thick, of largest size and of excellent quality. Seed very large, thick, and usually shows a greenish white tinge which is generally considered an indication of superior quality. One of the best and most extensively used Bush Limas for the market as well as home-garden. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. (60 lbs.) \$18.

**The Fordhook Bush Lima** is superior in many respects, being a shorter and thicker Bean, more round than long. In Northern localities both the Bush and Pole Limas are difficult to get through the ground, due to their manner of growth and the desire of gardeners to plant before the soil and weather conditions are right. To obtain the best success in planting Lima Beans, do not plant too early, have the ground thoroughly worked and fertilized, and plant the Bean edgewise with the eye down; a good way is just to press them into the soil. Do not cover more than 1 inch,  $\frac{1}{2}$  inch is better.

**FORDHOOK.** An improved type of the Dwarf or Bush Lima, but much more productive and matures earlier. The plants are vigorous and erect, bearing well above the ground. The pods, which are produced in large clusters, are medium green, about  $4\frac{1}{4}$  inches long and each contains three to five large Beans of exceptionally fine quality. Seed large, irregularly oval in shape, very thick, white with greenish tinge. This sort is popular for home and market use, especially in the East. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 45 cts., qt. 85 cts., 4 qts. \$2.75, pk. \$5, bus. (60 lbs.) \$18.

We supply liberal packets at 15 cts. each, postpaid

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

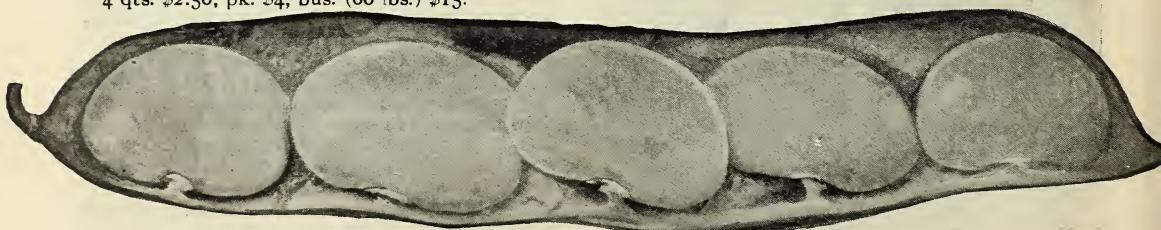
## Pole or Climbing Lima Beans

A good warm loam is required to grow the Pole Limas successfully. Put five or six seeds in hills 3 to 4 feet apart each way, placing them edgewise, with the eye downward, and covering 1 inch deep. Pole Limas require poles 7 feet high, and the poles should be set before planting the seeds. Pinch back when the vine reaches top of the pole and the yield will be increased.

**GIANT-PODDED.** The largest-podded Lima in cultivation and of extremely vigorous growth. The pods, which mature in midseason, are borne in clusters of six to eight, and measure about 7 inches long by  $1\frac{1}{2}$  inches broad; Beans extra large and of excellent quality. Undoubtedly the best of all the large-podded varieties. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.

**EARLY LEVIATHAN.** This is the earliest, large-podded Pole Lima that we know. Very large pods are produced in clusters and in great abundance, often containing five Beans which are of good size and of the finest quality. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.

**KING OF THE GARDEN.** The vines of this standard Pole Lima are very vigorous and productive. The pods are medium dark green, very large, 5 to 6 inches long, broad, flat, filled with four or five very large white Beans of finest quality. On account of its large pods it is a favorite with market-gardeners. It will come into bearing earlier and make larger pods if not more than two vines are left to grow on a pole. Seed very large, ovoid, flat, white, with slight greenish tinge. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. (60 lbs.) \$15.



Giant-podded Pole Lima Beans



Golden Acre Cabbage

### **Golden Acre Cabbage**

This is an extra-early strain of Copenhagen Market, which it resembles in every respect except size. The heads are of medium size, weigh 4 to 5 pounds, are as round as a ball, and very firm. The plant is of dwarf, compact growth, the average plant having but thirteen leaves, which allows close planting. Practically all the plants make perfect heads and mature at very nearly the same time, making it an ideal crop to be followed by late celery. Golden Acre matures earlier than any other variety, heading a week earlier than Jersey Wakefield and ten to fifteen days earlier than Copenhagen Market. Matures in 80 days from planting of seed. Pkt. 15 cts.,  $\frac{1}{8}$ oz. 60 cts., oz. \$1,  $\frac{1}{4}$ lb. \$3.50.

## **Cabbage**

### Early Copenhagen Market.

The type is thoroughly fixed, the heads maturing all at the same time, this being a great consideration to market-gardeners, entailing less labor in harvesting the crop, and allows the ground to be cleared at the first cutting. The heads average about 8 pounds each in weight, are very solid, with small core and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield to the acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants can be set closer than other varieties of similar size. Pkt. 10 cts.,  $\frac{1}{8}$ oz. 20 cts., oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50, 10 lbs. \$30.

### **WELL-KNOWN STANDARD VARIETIES**

Prices on Cabbage seed listed below, pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50

Burpee's Allhead Early. Flat heads; sure header. Danish Ballhead. Best winter sort; round head. Danish Round Head. Very hard; short stem. Henderson's Early Summer. Standard variety. Premium Late Flat Dutch. Flat head. Early Jersey Wakefield. Extra-early pointed. Early Winnigstadt. The heads are cone-shaped. Rice's Surehead. Finest late Cabbage. Red Rock. Best red sort. Savoy Perfection Drumhead. Best of the Savoys.

One ounce of Cauliflower or Cabbage Seed will make 3,000 plants

### **Chinese Cabbage (Pe-Tsai)**

#### **A NEW VEGETABLE WHICH SHOULD BE GROWN IN EVERY GARDEN**

This delicious vegetable is also known as "Celery Cabbage," "Chinese Lettuce," etc. It is a species of Cabbage with a fine, delicate flavor, resembling a stalk of celery more than a Cabbage head. It is as tender as head lettuce, with a mild and delicate flavor; excellent as a salad or cole-slaw, and if cooked quickly (being very tender) it is much better than Cabbage or turnips.

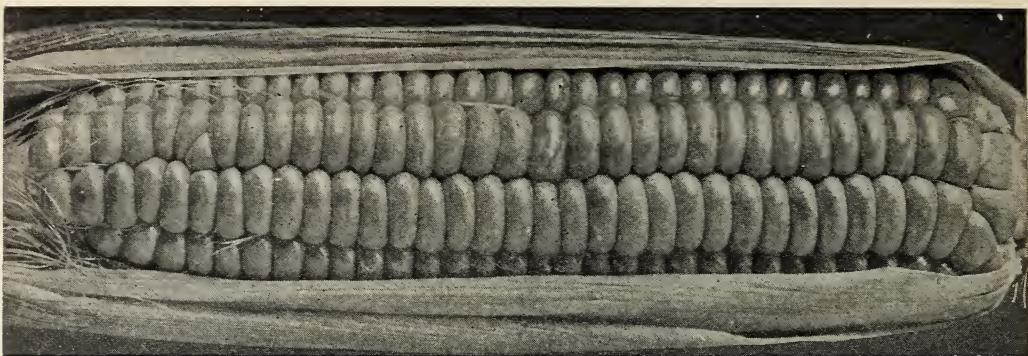
It is a cool-weather plant, being sensitive to extremely hot weather and can be grown to best advantage in early spring and fall. The plants should be transplanted when small, same as late Cabbage, allowing 18 to 20 inches between plants. You should try it this year. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. 90 cts.

### **Cauliflower, Henderson's Early Snowball**

This is undoubtedly the finest variety ever introduced; it is the earliest, and produces beautiful snow-white heads of the most delicious flavor. A splendid market variety. The seed we offer is pure and genuine, and sure to prove satisfactory. The culture of Cauliflower is very similar to that of cabbage. It is best to select new ground, as it does not succeed where other vegetables have been grown year after year. Pkt. 15 cts.,  $\frac{1}{8}$ oz. 45 cts.,  $\frac{1}{4}$ oz. 75 cts., oz. \$2.



Henderson's Early Snowball Cauliflower



Golden Bantam Sweet Corn

## Golden Yellow Sweet Corns of Special Merit

The introduction of Golden Bantam was a revelation in the possibilities of breeding Sweet Corn. The yellow varieties with their distinct, sweet, tender juiciness, are *gradually, as their merits become known*, displacing the white sorts. Plant-breeders have developed other varieties within the yellow strain to meet the various demands—some, earlier sorts, others later ones, having larger foliage and ears, and all retaining the good qualities of the Golden Bantam parent. The four yellow or golden Corns listed on this page are, we think, the best of the yellow varieties.

### Golden Sunshine AN EARLIER GOLDEN BANTAM

A yellow, early, high-quality Sweet Corn ready for market 10 days earlier than Golden Bantam. It is the earliest of the Golden Bantam type of yellow Sweet Corns and is dwarfer in growth. The ears are  $6\frac{1}{2}$  inches long, with 12 rows of broad, yellow, sweet grains. It is especially desirable for its extreme earliness. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

### Golden Bantam THE SWEETEST YELLOW-GRAINED VARIETY

This Sweet Corn is becoming more firmly fixed in popular favor each year because of its extremely early character and vigorous growth. It is actually the finest flavored of all Sweet Corns and is pronounced by thousands of planters the finest extra-early Sweet Corn ever grown. Golden Bantam is as distinct in flavor from that of the white varieties as in color, being almost literally "sweet as honey." It is, without doubt, the best variety of Corn we know of. The connoisseur having once tasted the flavor of Golden Bantam Corn, the taste of other varieties becomes commonplace. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

### Golden Giant

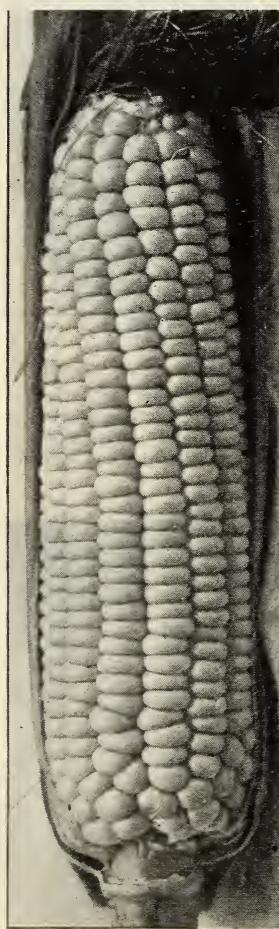
#### A CROSS BETWEEN GOLDEN BANTAM AND HOWLING MOB

One of the few new yellow Corns to retain the high quality of its golden parent. In season it is between Golden Bantam and Bantam Evergreen, of medium growth, with ears 8 inches long, 16 to 18-rowed. Pkt. 15 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

### Bantam Evergreen

#### THE GREATEST SWEET CORN EVER INTRODUCED

Bantam Evergreen is a late introduction of the Golden Sweet Corn, a cross between Golden Bantam and Stowell's Evergreen—and now running nearly true to type; equal to both parents in rich sweetness and tender quality. The cob is just the right size for eating. People who regard Golden Bantam as "a wee bit too small" and Stowell's Evergreen as "a bit too large," find in Bantam Evergreen the long-sought-for Sweet Corn of the right size, golden color, and superior quality. The kernels are plump, nearly as broad as Golden Bantam, and not quite so deep as Stowell's Evergreen, cream-colored, tender, sweet, and delicious. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.



Golden Sunshine Sweet Corn

IF CORN IS WANTED BY PARCEL POST, ADD 10 CENTS EXTRA FOR FIRST QUART, AND 2 CENTS FOR EACH ADDITIONAL QUART FOR POSTAGE

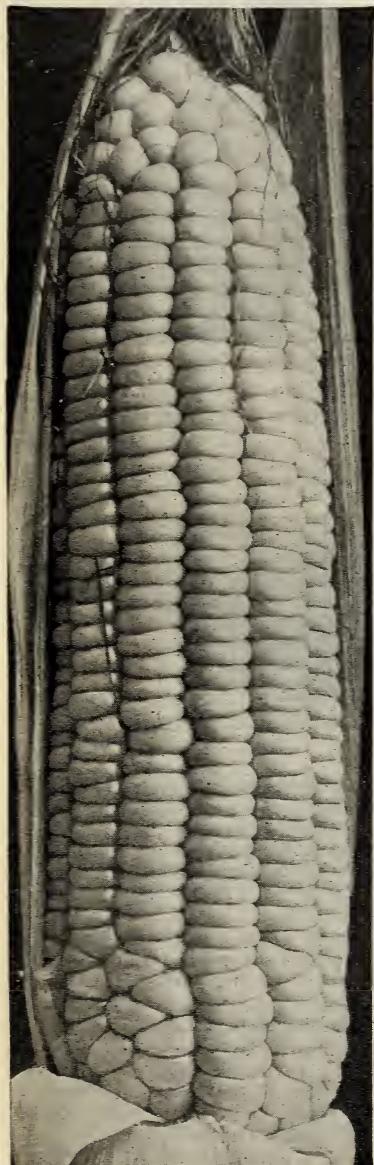
## Sweet or Sugar Corn

One quart plants 200 hills;  
1 peck to the acre

The white varieties of Sweet Corn listed on this page are all of the highest quality. The descriptions are dependable, the seed is the best that can be procured, and the varieties are sufficient to meet all needs—early, medium, and late. Following is their rotation of maturity: Alpha Earliest, Mammoth White Cory, Howling Mob, Whipple's Early, Rice's Early Evergreen, Country Gentleman, and Stowell's Evergreen—a continuous rotation from midsummer to late fall.

IF CORN IS WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART,  
2 CTS. FOR EACH ADDITIONAL QUART. SWEET CORN WEIGHS 42 POUNDS PER BUSHEL

**Alpha Earliest.** We all want Sweet Corn from the garden just as early as we can get it. This is where Alpha comes in. It matures three to four days before any other kind is ready. The ears are 5 to 7 inches long and have 8 rows of large white kernels of good quality—much better than most of the very early kinds. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.



Whipple's Early Sweet Corn

**Mammoth White Cory.** The earliest large Sweet Corn of quality. One of the sweetest Corns grown. Our stock of this popular extra-early Sweet Corn has been bred for earliness, size, and sweetness, and we recommend it to all our customers who specialize in extra-early Sweet Corn. Usually produces two handsome ears on each stock, 7 to 8 inches long, having 10 to 12 rows of broad, pearly white grains, tender and sweet, of the best table quality. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**Howling Mob.** A Sweet Corn that produces, early in the season, a large ear possessing the paper whiteness and the sweet flavor of the late varieties. Ears measure 8 to 9 inches, with 12 to 14 rows of good-sized pearly white sugar-sweet grains. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

**Whipple's Early (White).** A new early Corn almost as large as Evergreen and, like it, with deep, narrow kernels that are tender, very sweet, and delicious. It looks like Evergreen, tastes like Evergreen, yet matures three weeks earlier. A money-maker for the gardener. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

**Rice's Early Evergreen.** Possesses the good qualities of Stowell's Evergreen and matures fully a week earlier—about August 1. Stalks about 7 feet high; ears 7 inches or over; kernels deep, narrow, tender and very sweet. Stays in its prime a long time. A splendid home-garden or market type. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

**Stowell's Evergreen.** Considered the standard late or main-crop variety throughout the country. Our strain of this is extra choice and we spare no efforts to constantly improve it. The standard for canning. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. (42 lbs.) \$8.

**Country Gentleman (Shoe-Peg).** Exceptional quality and depth of grain make this one of the best eating varieties. Besides, it remains tender and fit for use longer, perhaps, than any other sort. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25.

## Pop-Corn

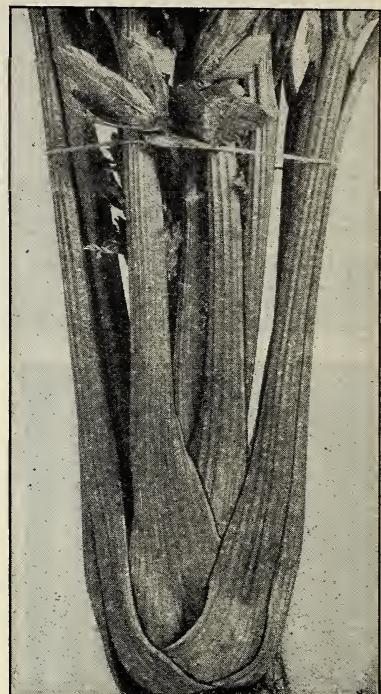
**Queen's Golden.** A smooth yellow variety that is very prolific and of excellent quality. The grains pop perfectly white and very large. Ears 6 inches long, well filled; kernels smooth, and a rich golden color; cob white. Usually bears two ears to a stalk. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

**White Rice.** An old standard variety that matures a little earlier than Queen's Golden. The ears are shorter; kernels deep, sharp, and of a pale yellow color. Very prolific and of excellent quality when popped. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.25, pk. \$2.25, bus. \$8.

## Golden Plume or Wonderful Celery

A most excellent addition to the Celery family

This new strain of Celery resembles the Golden Self-blanching, but is much larger and ranker in growth, blanches more quickly, matures earlier, and shows less tendency to blight. It has unquestionable merit in quality, flavor, sweetness, size and grows well both on muck and upland. Pkt. 10 cts.,  $\frac{1}{4}$ oz. 60 cts.,  $\frac{1}{2}$ oz. \$1.10, oz. \$2,  $\frac{1}{4}$ lb. \$6, lb. \$20.



Fordhook Emperor Celery

## Giant Pascal Celery

THE FINEST-FLAVORED CELERY GROWN

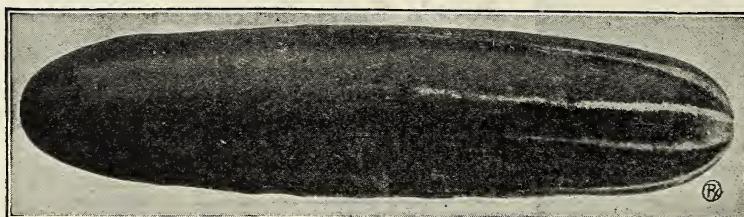
Giant Pascal is, without doubt, the best Celery for the home market. Has a fine, nutty flavor, is crisp, tender, and a good keeper. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.25.

**Sanford's Easy-blanching.** A tall, easy-blanching sort, that has green leaves, but blanches white instead of yellow. Early, and an excellent winter keeper. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 40 cts., oz. 65 cts.

**Dwarf Golden Self-blanching.** French-grown. An early dwarf sort. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 40 cts., oz. 65 cts. **Improved White Plume.** Blanches a beautiful silver-white. Pkt. 10 cts.,  $\frac{1}{2}$ oz. 20 cts., oz. 35 cts.

## Cucumber

One ounce will plant 50 hills;  
two pounds will plant an acre



Chaapel's Longfellow Cucumber

**Chaapel's Longfellow Cucumber.** By introducing this variety we are offering you something absolutely new in the Cucumber line; we are giving you the benefit of our introductory stock. This Cucumber is an excellent long, slender, dark green variety 12 to 14 inches long and  $2\frac{1}{2}$  inches in diameter. It is equally desirable for greenhouse forcing and outdoor culture, and does well in any good garden soil. Its uniformity in size and shape make it the premier Cucumber for the market gardener that caters to a discriminating trade. If you want the best in Cucumbers, plant Chaapel's Longfellow. Pkt. 10 cts., oz. 45 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$3.

**Windemere Wonder.** This recent introduction is a very attractive, long, white-spined variety of excellent dark green color and very uniform shape. The fruits are 12 to 14 inches long and 3 inches in diameter. An excellent slicing variety for the home or market gardener. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. 85 cts., lb. \$2.50.

Prices of the following varieties, pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25

**Long Green Improved.** Standard sort.

**White Spine, Arlington Improved.** Very reliable for all purposes.

**Early Fortune.** Early and productive. One of the most popular varieties for the home garden.

**Davis Perfect.** Intensely dark green.

**Chicago Pickling.** A most excellent pickling sort.

**Boston Pickling.** One of the best for pickling.

**Early Cluster.** Fruit small; light green. Quite popular for early slicing and pickling.

We always try to write reliable, true descriptions of our Flowers and Vegetables, that will fulfill the promises made for them

## Endive

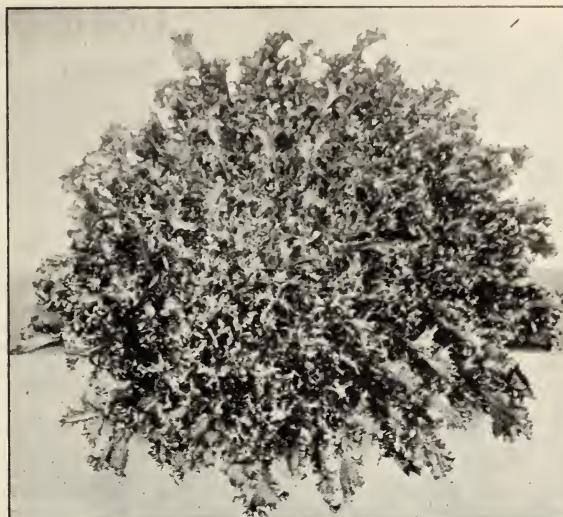
One ounce will sow a row about 200 feet long

**Moss Curled** (Giant Fringed). The beautiful, dark green, curly leaves are finely cut or laciniated, giving the plant a feathered effect. It blanches creamy white. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

**Broad-leaved Batavian**. Heads large, leaves broad and slightly wrinkled. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

**Green Curled Winter**. Hardiest variety. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

**White Curled**. For early use. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.



Moss Curled, or Giant Fringed Endive

## Pumpkin

**Connecticut Field**. The popular field variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. 60 cts.

**King of the Mammoths**. The giant among Pumpkins. Pkt. 5 cts., oz. 20 cts.

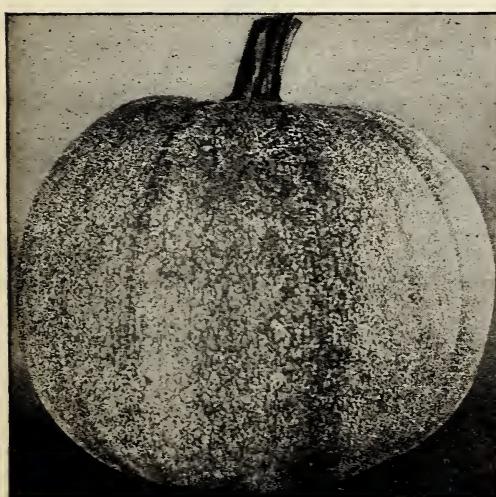
**Livingston's Cushaw**. Mottled green and white-striped. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Small Sugar**. The New England pie Pumpkin. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Winter Luxury, or Sugar Pie**. Round, medium in size, with a golden yellow skin closely netted like a netted muskmelon; of fine quality and an exceptionally good keeper. A superior pie Pumpkin. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

## Herbs and Other Seeds

	Pkt.	Oz.
Anise. Used for flavoring.....	\$0 10	\$0 15
Basil, Sweet. Leaves used for flavoring.....	10	15
Caraway. Seeds used for flavoring.....	10	15
Coriander. Seeds used for flavoring.....	10	15
Dill. Used for flavoring pickles.....	10	15
Fennel, Sweet. Seeds aromatic.....	10	15
Horehound. Very useful for curing coughs	10	30
Kale. Used for greens.....	10	15
Leek. Used for flavoring.....	10	20
Marjoram, Sweet. Used as a seasoning.....	10	25
Sage. A highly aromatic herb.....	10	25
Saffron. Used for flavoring.....	10	25
Savory, Summer. For flavoring soups.....	10	15
Thyme. Used as a seasoning.....	10	30
Wormwood. Has medicinal qualities.....	10	25



Winter Luxury Pumpkin

## Garden Cress

One ounce will sow 100 feet of drill; 12 pounds, an acre

**Broad Leaf, or Upland**. Has the same flavor as water cress. Green all year; ready before any other salad. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.50.

**Extra Curled, or Garden** (Pepper Grass). Crisp, pungent leaves; finely cut, dwarf, and compact. Used for garnishing. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts.

**Water Cress**. Pkt. 10c.,  $\frac{1}{4}$ oz. 20c., oz. 30c.,  $\frac{1}{4}$ lb. \$1.

## Dandelion

**Improved Broad-leaved**. A new strain, highly recommended for market-gardens. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.50, lb. \$8.

**Cultivated, or French Common**. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

## Eggplant

**Black Beauty**. The earliest large variety. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.40, lb. \$5.50.



Hollow Crown Parsnip

## Hollow Crown Parsnip

Standard variety. A large cropper, sugary and popular for general cultivation; tapering roots, smooth and fine grained, excellent for winter use. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.

## Parsley

**Champion Moss Curled**. The leaves are a uniform deep green color, very finely cut, and so closely curled as to resemble bunches of moss. One of the most useful and decorative sorts. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Hamburg** (Turnip Rooted). The root is the edible portion and is extensively used for flavoring soups, etc. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

Liberal packets,  
10 cts. each

## Lettuce

One ounce will produce  
1,500 plants

### Our Selected Stock of Big Boston.

heading, forcing sort for coldframes. The plants are large, very hardy and vigorous. The leaves are broad, comparatively smooth but wavy at the edge, thin, very hard and crisp. In color they are bright light green, the head slightly tinged with reddish brown. The inner leaves blanch to an attractive greenish white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.



Big Boston Lettuce

**Black-seeded Simpson.** The most popular and earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality; stands heat and outdoor forcing. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Grand Rapids Forcing.** This variety is especially adapted to greenhouse and hot-frame culture; it is of rapid, upright growth and may be planted close. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



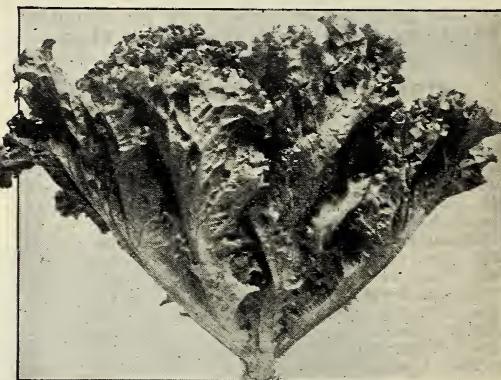
Iceberg Lettuce

This market variety is very popular for outdoor culture and is also in demand as a compact, large white, tinged with light yellow. It heads up under cold weather conditions better than any other variety. *Our selected stock of this variety is uniform and true to type. No better stock can be procured at any price.* Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

**Los Angeles, Wonderful, or New York.** This very large heading lettuce is desirable not only as a garden variety for summer use but is much used as a fall and winter market sort. The plant is very large but compact and tight heading; the inner leaves form a large head, very sweet and tender. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$ lb. 75c., lb. \$2.75.

**Early Prizehead.** This old standard variety is still the best of the large, thin-leaved, clustering sorts for the home-garden, but it is not a good kind to ship long distances, as the leaves are so tender that they are easily spoiled in handling. The leaves are very large, crimped, bright green, tinged with brownish red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**May King.** Heads extra large and solid; green outside, but heart clear yellow; very desirable. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.



Grand Rapids Forcing

**Crisp as Ice.** A slightly elongated, medium-sized, compact-heading variety; leaves very broad, somewhat blistered and crumpled, and very thick and stiff; outer leaves variegated dark brown and green, the brown predominating; quality excellent. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.50.

**Hanson Improved.** Extensively grown by market-gardeners, as it is always sure to make large, handsome heads of excellent quality; inner leaves white. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

**Iceberg.** Exceedingly crisp and tender, heads tightly folded and blanched to a beautiful white. Outer leaves crinkled and light green, growing closely up around the head. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

**Paris White Cos, or Romaine.** Blanches very nicely; upright grower. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

No Lettuce is so luscious as that grown in your own garden

**Extra-Early Osage Muskmelon**AN EXTREMELY EARLY  
HIGH-QUALITY MELON

A PROFITABLE VARIETY TO GROW FOR MARKET AND A DESIRABLE MELON FOR THE HOME-GARDEN

The Extra-Early Osage Melon combines all the excellent qualities of its parent, the Osage or Miller's Cream, with real earliness, being a week to ten days earlier than the original Osage. In fact, with the exception of the Knight Melon, is about the earliest variety in our trial-grounds. It is but a trifle smaller in size than its parent, has deeper colored flesh, a smaller seed cavity, and is more heavily netted. A handsome melon and as good as it looks, as the many visitors to our Grass Lake, Michigan, Seed Farms during melon season will testify. One ounce will plant about 80 hills. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Extra-Early Knight** (Sweet Air). An extremely early medium-sized melon of the Acme type. Fruit oblong, showing the neck tendency of its parent, distinctly ribbed and closely netted; flesh fairly thick and very sweet, color medium green blending to light pink near the center. The earliest high quality melon for the Far North. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Burpee's Netted Gem, or Rocky Ford.** Flesh light green. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Emerald Gem.** Standard variety; skin emerald-green. Flesh luscious and tender. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.



Extra-Early Osage Muskmelon

**Hackensack, or Extra-Early Improved.** Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Jenny Lind.** Extra early; small; green-fleshed.

Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Tip-Top.** Deep salmon-color; sweet and spicy.

Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 45 cts., lb. \$1.25.

**Watermelon**

**Tom Watson.** Splendid both for home-garden and shipping; shape long; color dark green; flesh bright red and very solid. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Kleckley Sweets, or Monte Cristo.** Oval shape. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

One ounce will  
plant 50 hills

**Cole's Early.** Medium size, nearly round. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Fordhook Early.** Nearly round; flesh bright red.

Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Halbert Honey.** Skin dark green; very sweet.

Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 35 cts., lb. \$1.

**Pepper**

One ounce will  
produce 1,500 plants

**Burpee's Sunnybrook.** The Sweetest and most Prolific of all Pimiento Peppers. Also called Cheese, Tomato, or Squash Pepper. The Peppers are the shape of a tomato and quite smooth, deep green changing to bright red, when ripe. Flesh extremely thick and of sweet mild flavor. Ripens medium early. An excellent variety for salads. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5.

**Pimiento, "Sweet-Meat Glory," or Sweet Salad Pepper.** Fruit of medium size, pointed or top-shaped, very smooth and glossy; exceptionally thick flesh which is firm, sweet, and of the very best quality for either salads, stuffing, or canning. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.50, lb. \$5.

**Harris' Early Giant.** The earliest and most prolific of the large Peppers and a real acquisition. It matures its fruit but slightly later than Harris' Earliest and is of dwarf, compact growth. The scarlet fruit is 5 inches long and  $3\frac{1}{2}$  inches in diameter. Mild and sweet. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.

**Ohio Crimson Giant.** It is nearly as large as Chinese Giant, and much earlier and more prolific. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.

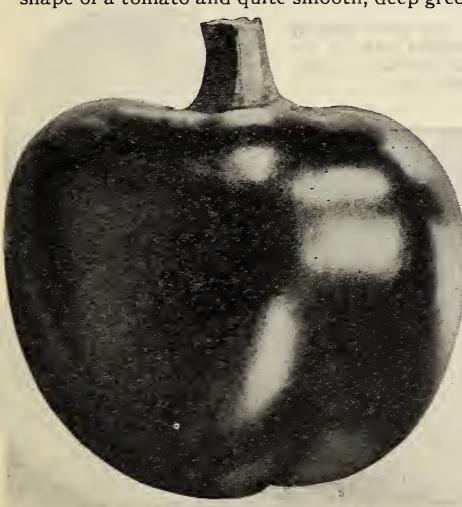
**Chinese Giant.** The largest and finest mild red variety. Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$ lb. \$2.

**Long Red Cayenne.** A small, long, bright red sort.

Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Mammoth Golden Queen.** Pkt. 10 cts., oz. 60 cts.

**Ruby King.** Flesh is thick, sweet, and mild. Pkt. 10 cts., oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75



Burpee's Sunnybrook Pepper

## Onion Seed

One ounce will plant 100 feet of drill; 5 to 6 pounds in drills for an acre. For sets, from 50 to 60 pounds should be sown to the acre, according to the richness of the soil

Liberal pkts., 10 cts. each,  $\frac{1}{2}$  oz. pkts. 20 cts. each, postpaid



Ebenezer, or Japanese Onion

**Ebenezer, or Japanese.** This is a very popular Onion, in fact, the quality of this variety is far superior to other kinds and the yield is also larger. If the Sets are planted early in the spring, the Onions will be ripe in July and can be used all through the fall and winter. A favorite because of its delicious mild flavor, its elegant keeping qualities, carrying through the winter without any loss whatever, and its appearance, being large and of a uniform size. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.

**Yellow Globe Danvers, Our Finest Strain.** This is the product of years of careful selection, and is the most perfect type of the Yellow Globe Danvers Onion which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. This, our special strain, is all grown from selected, hand-picked bulbs, none but those perfect in size and shape being set for seed, and the product will be just as perfect in all points. Oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Large Red Wethersfield.** Onion-growers who prefer the red varieties will find our pedigree strain far surpassing the ordinary Red Wethersfield in size, productiveness, and keeping qualities. It is of the finest form; skin deep purplish red; flesh purplish white. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**Prizetaker.** This variety excels every Onion now existing in beauty, size and productiveness, and equals the best in quality. The color is a bright straw, and it always grows to a uniform shape, which is nearly a perfect globe. Our seed is the choicest American-grown, and not imported Spanish King as sold by some dealers at low prices under the name of Prizetaker. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1, lb. \$3.

**Southport Yellow Globe.** Like the well-known White Globe except in color of skin; of large size. An excellent keeper; fine for market. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Southport White Globe.** A large, globe-shaped Onion; firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest Onions grown, of beautiful shape, clear, white skin, and commands the highest market price. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50. (See illustration below.)

**White Queen Pickling.** A very good early-maturing pickling Onion. Pure paper-white; from 1 to  $1\frac{1}{2}$  inches in diameter; of very mild and delicate flavor; fine for bunching for the early market; also for pickling. Oz. 35c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**White Portugal, or Silverskin.** A large, flat, white Onion of mild and pleasant flavor; hard and fine-grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. Oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

### Onion Sets

#### THE REASON FOR PLANTING ONION SETS

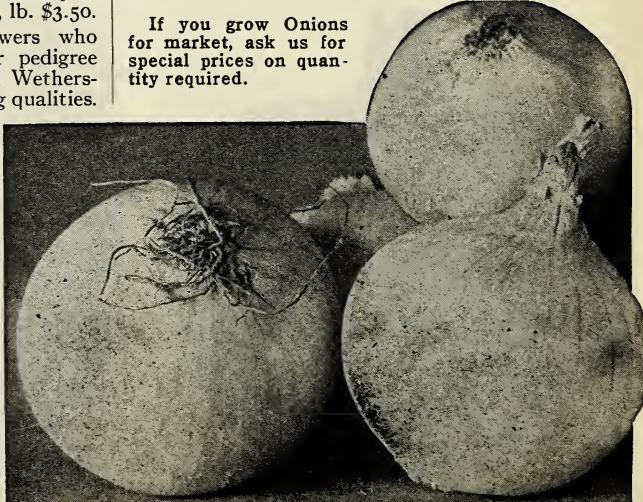
**Yellow Danvers Sets.** Our Onion Sets will produce Onions much earlier than by sowing the seeds, which frequently permits the planter to sow another crop on the land the same year. For green or bunch Onions, Sets will produce a crop in half the time it takes to raise them from seed. Plant Onion Sets and Tops near the surface in drills 1 foot apart and 2 inches in the rows. They require the highest culture to obtain the best results. Qt. (1 lb.) 25 cts., bus., market price.

**Ebenezer, or Japanese Sets.** By the use of these Sets large ripe Onions of the finest quality can be easily raised. Sets of this variety rarely produce seed-stalks as other kinds do. Qt. (1 lb.) 25 cts., pk. (8 lbs.) \$1.25, bus. (32 lbs.) \$3.50.

**White Sets (Silverskin).** These make nice-looking and fine-flavored Onions to eat while young. They also produce good large mature Onions of fine quality. Qt. (1 lb.) 30 cts., pk. (8 lbs.) \$1.50.

If by mail, add 10 cts. per qt., 15 cts. per pk., for postage

If you grow Onions for market, ask us for special prices on quantity required.



Southport White Globe Onions

# The Best Four EARLY PEAS

## Blue Bantam or Hundredfold

### A Telephone Pod on a Dwarf Pea

It is unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf, vigorous vines average 16 inches in height and carry really enormous crops of large, deep bluish green pods. The handsome pointed pods, generally borne singly, measure 4 to 4½ inches long and are tightly packed with eight to ten large, deep bluish green Peas. These Peas are not only large in size, but of *most luscious flavor*. Pkt. 10 cts., ½ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12. Postage extra, see below.

## Laxton's Progress

### The earliest and largest Dwarf Pea

This is the earliest of the large-podded dwarf varieties. The pods are as large as Blue Bantam or Hundredfold, 4 inches long, broad and pointed, deep green in color, containing 8 large dark green Peas of very high quality. The vines are 15 to 18 inches in height and are very productive. Laxton's Progress will mature Peas four days earlier than Blue Bantam or Hundredfold. Pkt. 10 cts., ½ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12. Postage extra, see below.

## Improved Thomas Laxton

### THE POPULAR MARKET PEA

#### *As a money-maker this Pea surpasses all others*

Closely resembling but hardier and a more abundant yielder than the famous Gradus—as a long-podded extreme-early wrinkled Pea—and in some respects is even better! The growth is identical, but the pods are a deeper, richer green and square at the end. In the judgment of experts, Thomas Laxton is even sweeter and finer in flavor and as the large Peas are of a deeper green, they present a more attractive appearance. We highly recommend it for market-gardeners. Our stock of this variety was especially grown for us. Pkt. 10 cts., ½ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12. Postage extra, see below.

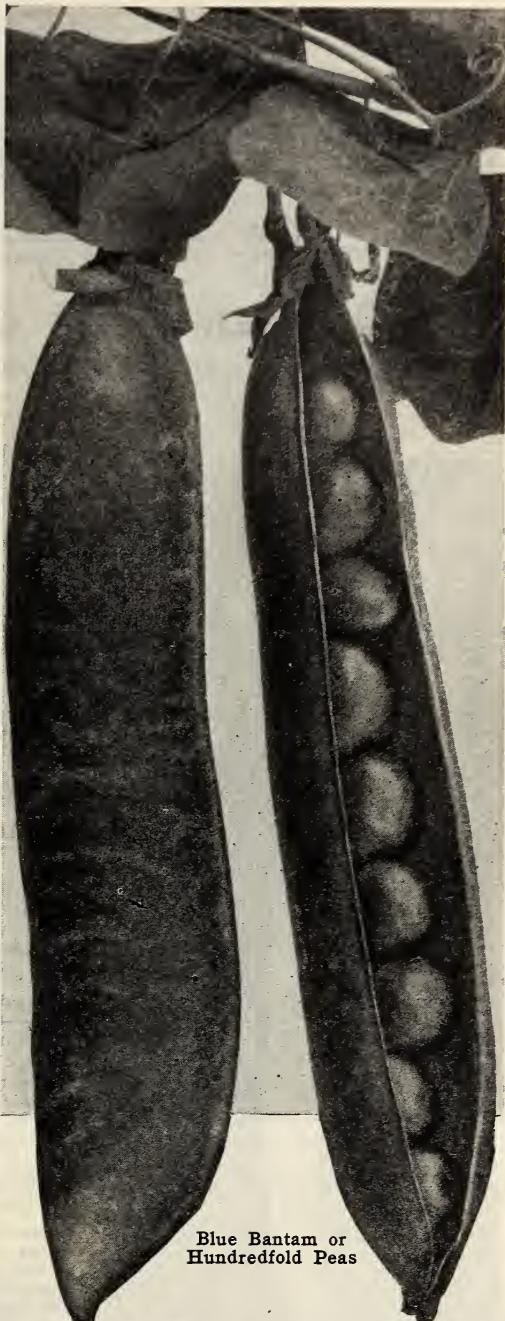
## Little Marvel Dwarf Peas

### *As a large-yielding, short-vine variety, Little Marvel stands at the head of its class*

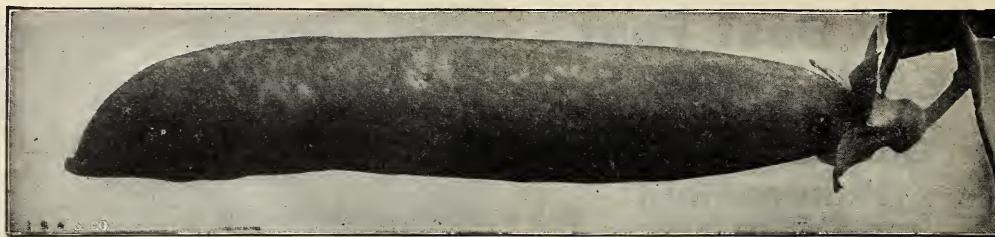
A dwarf, first-early Pea of unusual value. The demand among market-gardeners for this variety is enormous. It is the one early Pea that can be depended upon for a crop, maturing, as it does, at a season most favorable for the development of Peas and at a time when prices are the best.

The vines average 15 inches in height and produce a heavy crop of 2½-inch pods. A desirable Pea for both the home garden and market. Pkt. 10 cts., ½ pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

**If wanted by parcel post, add postage, 10 cents extra for first quart and 2 cents for each additional quart.**



Blue Bantam or  
Hundredfold Peas



World's Record, or Gradus Pea is one of the best for the home-garden or market

## Garden Peas of Special Merit

### SELECTED FOR OUR CRITICAL TRADE

Don't stick to the old, antiquated varieties of Peas; surprise yourself and customers with some of the newer and better sorts. Our list embraces the newest and highest types in Pea culture



New Perfection Pea  
An Improved Everbearing

**World's Record.** An Improved Gradus. Slightly earlier than Gradus, more dwarf, true to type, and productive. Vines moderately stout, medium green, pods medium green, 4 inches long, fairly broad, pointed and well filled with seven to nine very large, dark green Peas of exceptional quality. Height 2 feet. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

**New Perfection.** An Improved Everbearing. One of the most excellent, immensely productive second-early or main-crop Peas, and one of the most showy. Vine very sturdy and strong, deep green in color; pods  $4\frac{1}{2}$  inches long, quite broad, straight, pointed and medium light green, containing eight to nine very large, sweet, bright green Peas. Height  $2\frac{1}{2}$  feet. (See illustration.) Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

**Sutton's Ideal.** An English variety, said to be an improvement on Thomas Laxton. Vine and foliage moderately heavy, medium green; pods medium green,  $3\frac{1}{2}$  inches long, broad, thick and "stubby" appearing; square ended; pods contain seven medium green Peas of best quality. Fairly productive and in season with Gradus. Height  $2\frac{1}{2}$  feet. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., pk. \$3.75, bus. \$12.

**Prizewinner.** A New Main-Crop Pea. In this splendid variety we have an ideal medium dwarf, main-crop Pea, giving us as many and as large pods as the very tall varieties—in truth it is a fine Dwarf Telephone. The vine is remarkably sturdy, and the foliage is heavy and very dark green. The pods are from  $4\frac{1}{2}$  to 5 inches in length, very broad and heavy, straight, pointed, dark green and containing nine very large deep green Peas of most excellent quality. Height  $2\frac{1}{2}$  feet. Pkt. 10 cts.,  $\frac{1}{2}$  pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2.25, pk. \$4.

Sow the earliest varieties as soon as the ground can be worked in the spring. The wrinkled varieties are not so hardy as the smooth sorts and should not be planted quite as early. The rows must not be closer than 2 feet for the dwarf varieties, the taller Peas farther apart, sowing about 1 quart to 75 feet of row.

IF WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA  
FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART

Peas are different from all other vegetables—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 5-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pint to plant 40 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

**OUR POLICY:** Reliable Seeds, Reasonable Prices

## Garden Peas of Special Merit

*Wrinkled varieties are marked with a star (\*). The height is given after each variety*

LIBERAL PACKETS, 10 CTS., POSTPAID. IF ORDERED BY PARCEL POST, ADD 10 CTS. FOR FIRST QUART AND 2 CTS. FOR EACH ADDITIONAL QUART FOR POSTAGE

### Extra-Early Varieties

**Alaska.** Earliest of all Peas. This variety can be planted as soon as the frost is out of the ground. Pods dark green, well filled and ripening uniformly. One of the best for the market-garden. Height 2½ feet. Blue Seed. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. (60 lbs.) \$10.

**Best Extra-Early.** (White seed.) Superior strain of the extra-early Peas; first to plant and most profitable. Height 2½ feet. ½pt. 15 cts., pt. 25 cts., qt. 45 cts., 4 qts. \$1.75, pk. \$3, bus. (56 lbs.) \$10.

**Sutton's Excelsior.** As early as Little Marvel. Vines uniformly 20 inches tall, carrying on an average five to six light green Peas of sweetest flavor. In yield of pods per row, Sutton's outyielded all extra-early sorts except Thomas Laxton. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (56 lbs.) \$11.

**\*Nott's Excelsior.** Vines are dwarf and vigorous. Pods average about 3 inches in length. Peas of superior quality. Height 1 foot. ½pt. 15 cts., pt. 25 cts., qt. 50c., 4 qts. \$1.75, pk. \$3.25, bus. (56 lbs.) \$11.

**\*Premium Gem.** Extra early, prolific, and of delicious flavor. Height 15 inches. ½pt. 15 cts., pt. 25 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (56 lbs.) \$11.

### Second-Early and Late

**\*Dwarf Telephone.** or CARTER'S DAISY. This medium late Pea is of healthy, stocky growth, with dark green vine and foliage, and very productive. The green pods are 5 inches long, straight and pointed, containing nine or ten large, luscious green Peas of the best quality and flavor. A desirable garden Pea. Height 2½ feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75.

**\*Champion of England.** One of the richest, best-flavored late Peas; well known and popular. Vines stout, deep green; pods often in pairs, medium green, 3½ inches long, straight, nearly round and blunt ended, containing eight light green Peas; productive. Season following Telephone. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

Inoculate  
this seed with  
**NOD-O-GEN**

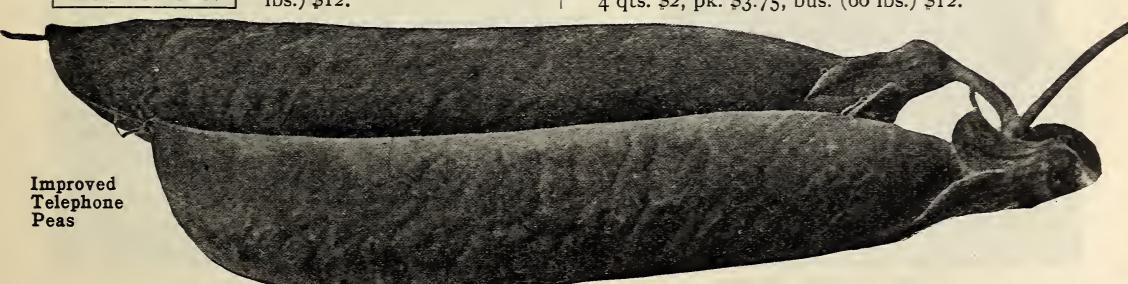


Sutton's Excelsior Peas

**Improved Telephone.** The best strain of this well-known standard variety. The vines are vigorous, with heavy leaves and broad pods, 4½ inches long, light green in color, and well filled with eight to ten extra-large Peas. Very productive. Quality fine. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (56 lbs.) \$12.

**Giant Luscious Sugar.** A new edible podded sort. Height 4 to 5 feet. ½pt. 30c., pt. 50c., qt. 75c.

**Mammoth Melting Sugar.** (Edible pods.) Large, broad pods, very brittle and stringless. Height 4 feet. ½pt. 20 cts., pt. 35 cts., qt. 65 cts., 4 qts. \$2, pk. \$3.75, bus. (60 lbs.) \$12.



Improved  
Telephone  
Peas

## Radishes

One ounce will sow 100 feet of drill.

The small, round, short-top Radishes of the red and white-tipped sorts are the quickest in maturing. Of the white varieties, Long Icicle is supplanting all other varieties because of its excellent, superior quality. French Breakfast is the ideal olive-shaped Radish. The summer varieties are the Long Chartier, White Strasburg and Lady Finger. The most popular of the winter varieties is the White Chinese (Celestial), producing large roots, clear white in color.

Radishes to be crisp and tender, must be grown quickly in rich, loose soil and gathered before reaching full size, as they soon become soft and pithy; this is especially so of the small, turnip-shaped varieties—the long varieties will "stand longer." Seed should be sown thinly in drills when the trees are starting in leaf, and successive plantings made one week apart.

Prices, except noted, pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.

**Scarlet Button** (Non Plus Ultra). Excellent forcing and open-ground Radish.

**Long White Icicle.** The finest white variety.

**Early Scarlet Turnip, White-tipped.** Popular. Early, crisp and tender.

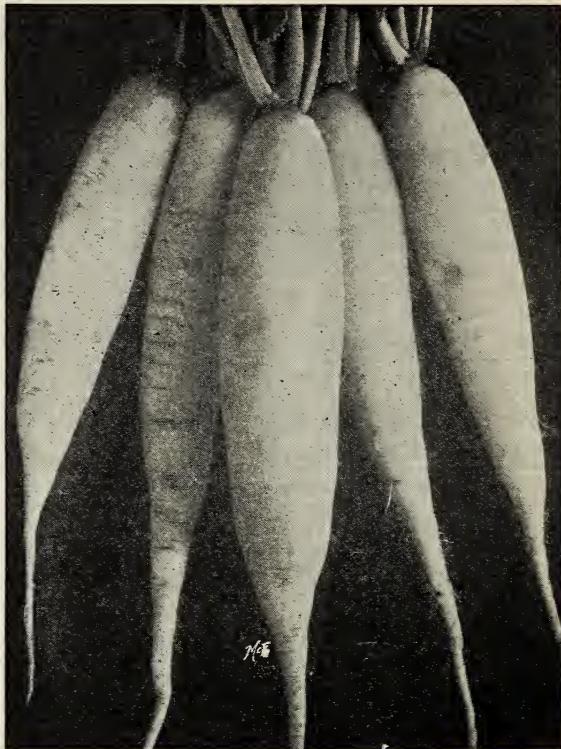
**Sparkler White-tipped.** The white extends further up on the Radish and on this account is more popular in some markets.

**White Strasburg.** One of the most popular summer sorts. Roots long, quite thick.

**Vick's Scarlet Globe.** We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing Radishes and does equally well outside; roots are of fair size, globe-shaped and with a small top; always crisp and tender; color a bright scarlet.

**Cincinnati Market.** A desirable market variety with roots similar to Early Long Scarlet Short-Top, but averaging longer, deeper red in color, and remaining a little longer in condition for use.

**Crimson Giant.** Best Radish for hot weather.



Long White Icicle Radishes

**French Breakfast.** Pink and white; olive-shaped.

**Long Scarlet Short-Top.** Most popular early.

**Long White Lady Finger.** Fine for summer.

**Long Chartier.** Tender and crisp; best for summer.

**Long Black Spanish.** For fall and winter.

**Rose China Winter.** For fall and winter use.

**White Chinese, or Celestial.** For fall and winter.

The most popular and profitable variety.

## Squashes

The Squashes are a very desirable addition to the garden—those who love a tempting, luscious dish will find the Summer Squash indispensable. A deeper conviction of the importance of growing our own winter vegetables has become emphasized since home-gardening played such an important part in the successful termination of the war. The Hubbards and other varieties of Winter Squashes are easily stored and very palatable when cooked, and make delicious pies when the thermometer hovers around zero.

Liberal packets, 10 cts. each

**DELICIOUS.** A fall-winter sort; top shaped; dark green but sometimes of a lighter shade; flesh orange, very dry and delicious. Oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.25.

**Boston Marrow.** Fine fall variety; flesh yellow and firm. Oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.25.

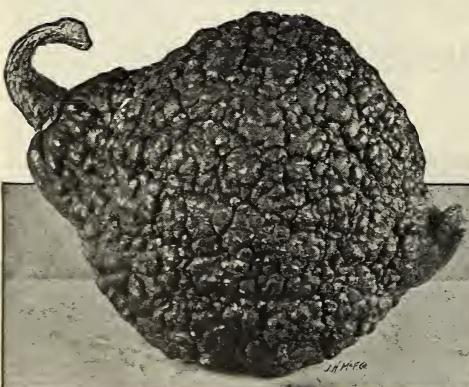
**Mammoth White Bush, Scalloped or Patty Pan.** Early. Summer. Oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.25.

**Golden Summer Crookneck.** One of the earliest summer varieties. Oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.25.

**Warted Hubbard.** The standard Winter Squash. A superior strain. Oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Golden Hubbard.** Earlier than Warted Hubbard; equal in quality. Oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**Mammoth Chili.** The largest variety, attaining an enormous size under high cultivation. Oz. 15 cts.,  $\frac{1}{4}$  lb. 45 cts., lb. \$1.50.



Warted Hubbard Squash

## Spinach

One ounce will sow a row about 100 feet long

**Savoy-leaved, or Bloomsdale.** Leaves are very curled and crumpled. It is early and very hardy, being splendid for fall use  
Pkt. 5c., oz. 10c.,  $\frac{1}{4}$ lb. 15c., lb. 50c.

**Victoria.** The leaves are very dark green and of the true Savoy type. It winters over better than other varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 15 cts., lb. 50 cts.

**King of Denmark.** This variety has, in the few years since its introduction, taken its place as one of the leading varieties of Spinach. It has proved equally satisfactory for either the home or market-garden, and we urge you to give it a trial if you have not already done so. Although the plants are ready for use almost as soon as the medium-early sorts, they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type but leaves are more crumpled or blistered, and are of a darker green color. The leaves are thick, stand well after cutting and are of good quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

**New Zealand.** Unlike true Spinach in type and in that it thrives during hot weather and in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. The plant becomes very large and spreading. The leaves are comparatively small, broad and pointed. Plant three or four seeds in hills 2 feet apart each way. Germination of the seed can be hastened by soaking in warm water twenty-four hours. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.



A perfect plant of Bloomsdale Spinach

## Turnip

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.,  
except where noted

**Purple-Top Strap-Leaf.** Best-known variety.

**Purple-Top White Globe.** A popular sort.

**White Egg.** Pure white; egg-shaped; early or late.

**White Globe.** White, round, large cropper.

**Extra-Early White Milan.** Probably the earliest of the flat Turnips. Both skin and flesh are pure white; flavor is mild and sweet. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

**Amber Globe.** Excellent for table. Flesh yellow, firm, and fine-grained. A good keeper and cropper.

**RUTABAGA, Improved American.** Purple top, yellow skin. Oz. 10 cts.,  $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

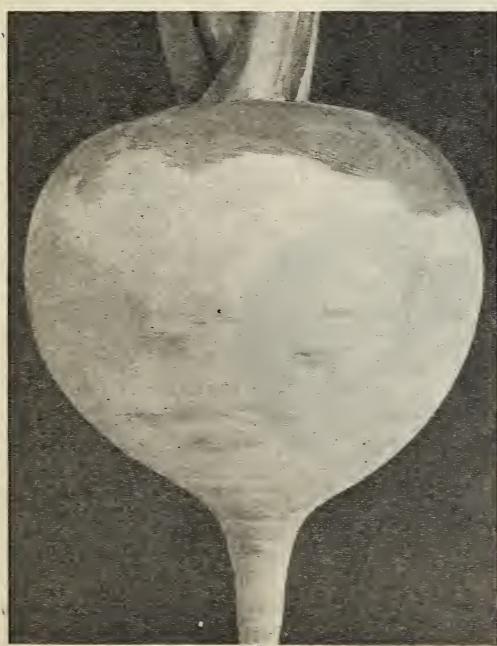
## Salsify, or Oyster Plant

This plant is used as a substitute for oysters, and we like it fully as well as the oysters themselves. It is used either in soup or scalloped with best results. Before the ground freezes the roots should be dug and stored as you would other root crops. Light freezing greatly benefits the flavor.

**Mammoth Sandwich Island.** Pkt. 10 cts.,  $\frac{1}{4}$ oz. 15 cts., oz. 30 cts.,  $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

## TOBACCO DUST

Save your Radishes and Turnips from worms. Strew it generously in the row before sowing. It acts as a repellent for many insects infesting the soil. Deserves much more general use. Dusted over Cucumbers, Melons and Squashes it helps greatly to rid these vines of the destructive bugs. Apply in the morning when the plants are covered with dew. 5 lbs. 35c., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.75. Postage extra.



Purple-Top White Globe Turnip

## Tomato

One ounce will produce 1,500 plants. Liberal packets. 10 cts. each

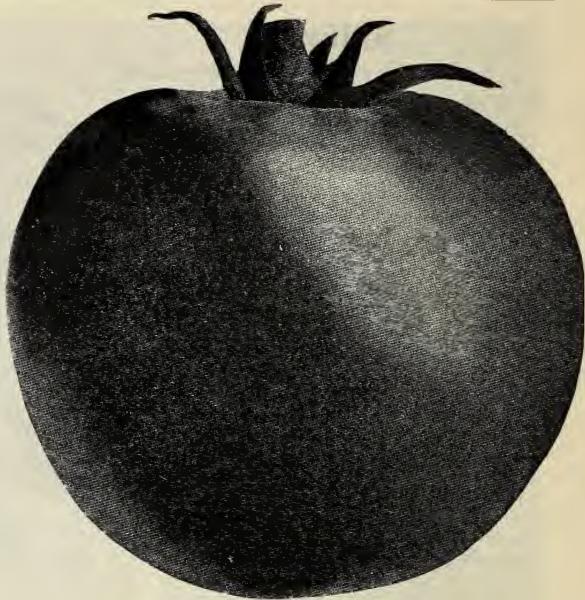
### Marglobe

A new and distinct Tomato developed by Dr. F. J. Pritchard of the U. S. Department of Agriculture

It is a marvelous, high-yielding, firm, highest quality, second-early canning and table variety, and although it begins to ripen first-class fruit early, it continues to bear for a long time. In our test-plot it produced more marketable fruit when the prices were high than did the earlier sorts. Their fine appearance made them salable when other varieties were a drag on the market. The Marglobe is particularly resistant to certain fungous diseases—leaf-spot, blight and others that cause many crop failures. The Marglobe fruits are smooth, globular, meaty, almost coreless, and deep scarlet in color. They ripen uniformly, even around the stem, and resist cracking well. Moreover they can be held a considerable time without spoilage. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$ lb. \$1.75, lb. \$6.

**Chalk's Early Jewel.** Within 2 weeks as early as the famous Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a sure cropper. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.

**John Baer.** An early, productive, red Tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1.



Marglobe Tomato



Bonny Best Early Tomatoes

This variety is a vigorous grower; enormously prolific. In shape it is slightly flattened but thicker through than most other Tomatoes. In color it is a beautiful scarlet-red, setting its fruit in clusters of five or more at close intervals. Makes a magnificent variety for slicing. A good early red-skinned variety for all purposes. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.

**Matchless.** A very dependable, large, smooth, second-early sort; makes a good canning variety; color cardinal-red. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**New Stone.** A great favorite with gardeners; the heaviest and most solid-fruited of the large Tomatoes of good quality. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**Dwarf Stone.** Early; very large. Oz. 40 cts.,  $\frac{1}{4}$ lb. \$1.25, lb. \$4.

**Crimson Cushion or Beef-steak.** Crimson; extra large. Oz. 60 cts.,  $\frac{1}{4}$ lb. \$1.75.

**Ponderosa.** Very large solid and of good flavor; specimens have been grown to weigh 4 lbs.; color bright red. Oz. 75 cts.,  $\frac{1}{4}$ lb. \$2, lb. \$6.

**Earliana, Extra-Early.** (Selected Stock.) Our special strain of this well-known early Tomato has been selected by an expert for earliness, making it possible for the grower to take advantage of the highest market. Oz. 35 cts.,  $\frac{1}{4}$ lb. \$1, lb. \$3.50.

**Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry.** Oz. 35 cts.

## Clover Seed

All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law

PRICES ON FARM SEEDS SUBJECT  
TO MARKET CHANGES



Medium Red Clover

### Medium Red Clover (Domestic-grown)

The Red or June Clover is probably more generally grown than any other. This crop is the standby for American farmers, both for hay and soiling. Much publicity has been given this important crop during the past few years as to the adaptability of seeds from southern sections when planted in the northern states. It is agreed among investigators that seed for planting under Pennsylvania farm conditions should be northern-grown, to stand our harsh winter and early spring conditions. We take great pains to offer our trade only seed of the Medium Red variety that is northern-grown, as free as possible from weeds, and of the best germination. Our Domestic Medium Red Clover is always the best procurable. As the market rates on Clover and other farm seeds are continually fluctuating, the prices here quoted are those prevailing as we go to press, and are inserted as a guide. As the market advances or recedes, our prices are also changed. Lb. 50 cts., bus. (60 lbs.) \$21. Write for firm prices before ordering.

### Crimson or Scarlet

An annual of strong, erect growth. Lb. 25 cts., bus. (60 lbs.) \$10.

### Alisike or Swedish

This is one of the hardiest varieties known. It is perennial and does not winter-kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with Medium Red and with Timothy. Lb. 50 cts., bus. (60 lbs.) \$21. (Prices subject to market changes.)

If wanted by parcel post, add postage 7 cts. for the first pound, and 1 cent for every additional pound, within the First and Second Zones. Seamless 2-bushel bags, used in shipping, 50 cts. each.

### Mammoth Red Clover (Domestic-grown)

Pea Vine or Sapling Clover. A large, rank-growing Clover, ripening at the same time as Timothy, producing an enormous yield. It is a valuable plant for our depleted, worn-out hills, producing a satisfactory yield. Our stock of this Clover is the Genuine Mammoth. Lb. 50 cts., bus. (60 lbs.) \$22. (Prices subject to market changes.)

### Imported French Clover Seed

Purdue (Ind.) University, Department of Agriculture (Washington), and the Pennsylvania Experimental Station tests show favorable reports on French Clover Seed. By Government act this seed is stained a green color to distinguish it from non-adaptable Italian Seed. Our customers who have been growing the French Seed report that their results are equal to the results obtained from domestic seed. This but confirms experimental station reports.

While we have handled imported French Seed we have not advised its use, pending experimental tests. Since these tests are available and until such time that the domestic seed reaches a price comparable with imported adaptable seed, we advise its use.

The Imported Seed we are offering this season is of the highest quality. The berries are plump and bright, the germination high, and the purity above 99 per cent.

**Imported French Clover.** Lb. 40 cts., bus. (60 lbs.) \$15. (Prices subject to market changes.)

### Perennial White Sweet Clover

(*Melilotus alba*)

Inoculate  
this seed with  
NOD-O-GEN

A legume of immense size and rank growth. It has great value as a soil improver. It furnishes a palatable hay and makes excellent pasture.

**Sweet Clover** will grow on almost any soil where proper amounts of lime have been applied. Its immense growth (8 to 10 feet), and its ability to gather nitrogen from the air and deposit it in bacterial nodules on the roots, together with the large amounts of humus it supplies to the soil when turned down, makes it an ideal crop to improve good soil and a splendid crop to build up poor land.

**Sweet Clover** makes a good grade of hay and it will produce a larger tonnage than any other legume crop; it averages two or more cuttings per year. Lime well for Sweet Clover, at least  $\frac{1}{2}$  ton Hydrated Lime per acre, or its equivalent. Sow 25 pounds per acre. Lb. 25 cts., postpaid; bus. (60 lbs.) \$7.

**Yellow Sweet Clover** (*Melilotus officinalis*). This is also a biennial similar to White Blossom Sweet Clover, and used for the same purpose. It has a yellow blossom and is about two weeks earlier and not so tall. It does not grow so heavy and coarse. It lays closer to the ground and is considered superior for pasture and makes a finer grade of hay. For those who do not like the White Sweet Clover on account of its rank growth we would recommend the Yellow Blossom. Lb. 25 cts., postpaid; bus. (60 lbs.) \$9.

Pamphlet on Sweet Clover free on request

## Canadian Variegated Certified and Sealed Alfalfa

For the past four or five years, Red Clover has been an uncertain crop, and many farmers are turning to Alfalfa for a hay crop, with excellent results. Alfalfa as a hay crop has double the feeding value of other hays; it produces three to seven tons per acre and grows three to five crops per season.

In the past, some farmers have not succeeded in getting and maintaining a stand of Alfalfa, which was due, we believe, to several reasons, such as a lack of lime in the soil, improperly prepared seedbed, and the wrong kind of seed. With the increased knowledge we have obtained of and about this important crop during the past few years, these obstacles are, in a measure, overcome.

A very hardy strain of Alfalfa developed in Peel County, Ontario, Canada, a cross between the Grimm and common strains. This seed comes to us field-inspected and certified to be 60 per cent variegated flowered. The root system is between the Grimm and common Alfalfa. It does not spread as much as the Grimm nor does it have the long tap-root of the common. It is recommended by the Canadian and New York State experimental stations for Northern Pennsylvania and New York states. Lb. 50 cts., bus. (60 lbs.) \$23. (Prices subject to market changes.)



Alfalfa

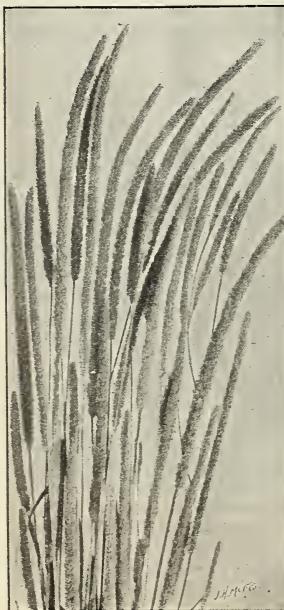
### Grimm Alfalfa THE GENUINE CERTIFIED GRIMM

Inoculate  
Clover and Alfalfa  
Seed with  
NOD-O-GEN

Our Grimm Alfalfa seed is produced in the Northwestern states where the climate is much colder and the winter longer than in the Eastern States. It is more hardy than the other strains of Alfalfa; it has a different root system and can be grown on shallower soil. Due to the nature of the root-growth of Grimm Alfalfa, it has a better chance to come through the winter in good shape. Our stock of Grimm Alfalfa seed comes to us from the growers in sealed and certified bags and is guaranteed to be the genuine strain of Grimm Alfalfa. Lb. 60 cts., bus. \$26.

### Alfalfa (Northwestern-grown)

Alfalfa produces from 3 to 7 tons of hay to the acre. It has as much protein as wheat-bran. Three hundred and sixty stalks have been grown from 1 seed. It does not exhaust the soil, but enriches it. It will grow three to five crops a year. Alfalfa in money value is worth 45 per cent more than other Clovers and 60 per cent more than Timothy. Ten milch cows can be fed on less than 2 acres by soiling. Lb. 30c., bus. (60 lbs.) \$18.



Timothy

### Soy Beans (The Great Soil-Improver)

Soy Beans can be grown in all parts of the country where dent corn succeeds and on a greater variety of soils than any other legumes.

**Wilson.** This variety in some ways excels all others as a forage crop. The stalks and branches are slender and we think probably it would make the most hay and a little the best quality of any variety. It matures in 125 days. Sow 40 pounds to the acre. Pk. \$1, bus. \$3.50.

### Sand or Winter Vetch

For forage and fertilizing purposes. It succeeds and produces good crops on poor, sandy soils as well as on good lands, growing to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter. If sown in the spring it can be sown alone or mixed with oats, spring rye or barley. If sown during August or September, winter rye serves as a good support. The root-growth is very extensive from the beginning, and makes quantities of nitrogen tubercles, thus giving it very valuable fertilizing properties. Grow your nitrogen. Sow thirty to forty pounds to the acre with one-half bushel rye, oats or barley. Lb. 25 cts., bus. \$12. Price subject to change.

Inoculate  
this seed with  
NOD-O-GEN

### Timothy

As a crop for hay, Timothy is probably unsurpassed by any other grass. It should not take an intelligent farmer long to figure the wisdom of investing his time and money in reliable seed. Lb. 15c., bus. (45 lbs.) \$3.50.

## Pasture Mixture of Grasses



For new ground or inaccessible places, such as hillsides that are too steep to work, or back fields where it is desirable to have a permanent pasture, we know of no better nor more profitable use to put these fields than to sow them with our Pasture Mixture.

Chaapel's Pasture Mixture is a combination of hardy grasses that will last for years and assure you a constant successive growth of rich pasture from spring until fall. It is composed of such seed as Kentucky Blue Grass, Red Top,

White and Alsike Clover, Meadow Fescue, and Pacey Rye Grass. Sow 30 to 50 pounds per acre. Lb. 35 cts., 100 lbs. \$30.

## Canadian Field Peas and Oats FOR FODDER

**There is no crop grown on the farm as valuable for summer feeding as Canada Field Peas and Oats, and they are equally valuable in the silo or as hay**

It is used both as a green feed and as a fertilizer, and in both places deserves to occupy a very prominent position. As green feed sown with oats or alpha barley early in the spring, it fills a place that no other plant which we have can occupy. The amount of feed produced on an acre is very large. It comes before any other good nutritious feed suitable for hay or soiling. It is greedily eaten by practically all kinds of stock, and is as nourishing as can be desired.

**For the Silo.** Recent tests, reported by some of the agricultural agents, show that Canada Field Peas and Oats make a very desirable addition to our available crops for silo purposes. Coming on as they do at the time of the year when the silos are empty or partially so, they can be utilized to advantage for these purposes.

These make a fodder and hay which double the production of milk. Pk. \$1.50, bus. (60 lbs.) \$4.25, bag (100 lbs.) \$6.50. Price for larger lots will be quoted by letter at any time.

### To Get Best Results from Canadian Field Peas

Sow in early spring, the earlier the better, about one or two bushels each per acre. Drill the Peas in first, about four (4) inches deep, sow the Barley or Oats in the usual manner. Oats should be drilled the opposite way the Peas were drilled for best results. Inoculate this seed with NOD-O-GEN. It insures vigorous growth.

Ready for cutting about the latter end of June, when the Oats are in milk and the pods formed on the Peas. Nutritious and relished by all stock. Choice Northern Grown Seeds, acclimated and tested for germination. Will produce big crops and improve the land.



A field of Sudan Grass ready to cut

## Sudan Grass The Most Wonderful Annual Grass Ever Introduced

Sudan Grass can be grown almost anywhere. It seems to be unaffected by temperature and grows as well in a cool climate as a hot one. It requires no special quality of soil—black loam, clay and sandy loams have all produced successful crops. This valuable Grass completely outdistances all competitors in quantity of yield. Three or four cuttings in a single season, each producing from 1 1/2 to 2 tons of hay per acre, can be secured. A very conservative average is 5 tons of hay per acre each season—it should not be planted until all danger of frost is over and the ground thoroughly warm. Can be sown in drills 18 inches apart, using six pounds per acre, or broadcast, using fifteen pounds. Lb. 15 cts., 10 lbs. \$1.25, bus. (40 lbs.) \$4.80.

## Improved Dwarf Essex Rape

VALUABLE FEED FOR CATTLE, SHEEP, AND HOGS

A forage plant of great merit, easily grown on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Under ordinary favorable conditions Rape is ready for pasturing sheep or hogs in about six weeks from date of sowing, and on the average an acre will usually carry about ten hogs six to eight weeks.



Dwarf Essex Rape

Resolve now to employ Genuine Dwarf Essex Rape, as it is the right thing to do. Sow liberal quantities along with other grain. It will surprise you to find how clean it will keep your land, and what a quantity of green feed you have after the grain is harvested, which is the very time you want it. Sow about 6 pounds per acre if broadcasted, or 4 pounds if drilled.

Lb. 15 cts., 10 lbs. or more, 12 cts. per lb.

## MISCELLANEOUS FARM SEEDS

### Mangel-Wurzel Stock Beets

Greatest milk-producing root grown

**Mammoth Long Red.** This is the giant among Mangels. The roots are of enormous size, very regular and clean, with but small top-growth. The skin is bright, rich red, and the roots, which frequently exceed 2 feet in length, grow from one-half to two-thirds above the ground. The maximum tonnage per acre is produced by this variety. Oz. 15 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts., 10 lbs. \$4.

### Kentucky Blue Grass

This makes the best, sweetest, and most nutritious pasture for all stock. It is the first to start up in the spring and remains green until snow flies. It is very hardy and is uninjured by cold or dry weather, hot sun, or tramping of hoofs. The roots are so thick and stout that they form a tough sod. Blue Grass requires about two years to get well started and for that reason it is often sown in mixture with other grasses. Lb. 45 cts., bus. (14 lbs.) \$5.

### Millet

**Tennessee, or Golden.** Produces a very fine quality of hay and makes a large seed-head. In good seasons it grows about 4 feet high. Sow 1 bushel (48 lbs.) broadcast to the acre, from April 10 to July 10. Lb. 15 cts., bus. market price.

**Salt Brick.** All stock crave Salt licks. This brick contains just the ingredients they require—salt, petre, sulphur, copperas, nux vomica, and a preparation of lime pressed and dried into brick form. It keeps the stock healthy and makes them thrive. Aids digestion and tones up the system. An excellent stock tonic. Just drop it in the trough, the stock will not eat more than they want and it cannot hurt them. Per brick, 25 cts. By mail, postpaid, 35 cts.

### Orchard Grass

It is well suited for shady places, such as orchards and groves. Lb. 35 cts., bus. (14 lbs.) \$4.

### Six-Rowed Barley

Is the earliest variety. Sow  $2\frac{1}{2}$  bushels per acre as early as ground can be worked. Bus. (48 lbs.) \$2.75.

### Rosen Winter Rye

This new Russian Rye is said to be the best variety now grown. Sow  $1\frac{1}{2}$  bus. per acre. Bus. \$2.

### Mammoth Russian Sunflower

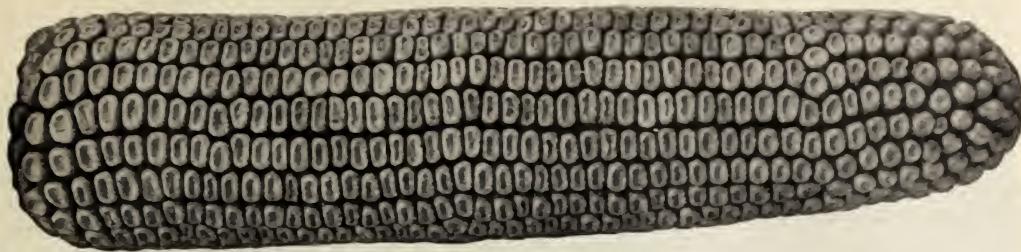
Highly valued as an excellent and cheap food for cattle and fowls and especially for parrots. Lb. 20 cts. (postpaid 25 cts.), 10 lbs. \$1.25, 100 lbs. \$10.

### Red Top (Solid Seed)

The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for timothy and Kentucky blue grass. Good to sow with timothy and clover for meadow or pasture and is more permanent than either. Lb. 35 cts., 10 lbs. or more, 30 cts. per lb.

### BROOM CORN SEED FOR MEDICINE.

Lb. 25 cts. (postpaid, 30 cts.)



Quenshenaque Yellow Dent Corn

## Northern-Grown Seed Corn

MOST VARIETIES ARE LOCALLY GROWN, SELECTED BY HAND, AND GRADED

ALL OUR SEED CORN IS TESTED FOR VITALITY BEFORE YOU GET IT

Plant 8 to 10 quarts to the acre in hills; sow 2½ to 3 bushels broadcast for fodder

### West Branch Sweepstakes

BIGGEST EARS, BIGGEST FODDER, EARLIEST AND BEST ENSILAGE CORN FOR THE NORTH

This Corn originated in Lycoming County. Formerly a White-Cap Yellow Dent, it has become mixed with other varieties until now a type of its own has become established. Our stock is original and is grown in Lycoming County, on the best farms of the Susquehanna River bottoms.

The genuine West Branch Sweepstakes is a Corn of mongrel appearance, hardly any two ears look alike—a characteristic of the variety. All ears contain the same blood, all yield about the same amount of green fodder of equal height and weight, and mature at the same time, and the ears run uniform in size. This being the desired aim of the silage users, its mixed appearance only adds to its desirability where it is grown and known. A great silo Corn for northern Pennsylvania, New York, and down-eastern states.

It is a big Corn. The stalks are very large, 1½ to 2 inches in diameter and 12 to 15 feet high. The foliage is long, broad, and heavy, starting well down to the ground, with an abundance of leaves, and produces from 15 to 25 tons of silage per acre. The ears are large, averaging a foot long and 10 inches in circumference, containing 14 to 20 rows of red and golden grains, white capped with a decided reddish cast. Pk. \$1, bus. \$3.50.

### QUENSHENAQUE YELLOW DENT.

An early-maturing Yellow Dent, grown and bred on the hills of Lycoming County. A Corn of good size and a sure-cropper. This Corn ripens properly in its native habitat on the hills, up the Quenshenaque Run. It is a beautiful Yellow Dent with just enough White-Cap blood in it to give it strong vitality and early maturity. It matures in 90 to 100 days. The stalks are 7 to 8 feet tall, and the ears 8 to 10 inches long. We feel safe in recommending this Corn to the growers on hill farms on account of its extreme earliness and strong vitality. Pk. (14 lbs.) 90 cts., bus. (56 lbs.) \$3, postage extra.

**WHITE-CAP YELLOW DENT.** Acclimated and grown in Lycoming County, this Corn has never failed to mature properly; vigorous habit, large foliage, and a sure cropper. The ears are large—9 to 11 inches and 14 to 16-rowed—well filled out and showing practically no gloss whatever, thus demonstrating its well-bred propensities. The grains are large, beautiful lemon-yellow, and white-capped. Pk. 90 cts., bus. \$3, add postage.

**LONGFELLOW FLINT.** This for a long time has been the popular 8-rowed Yellow Flint Corn. It is a very productive variety; ears 12 to 14 inches long and matures where the Yellow Dent fails. Pk. \$1, bus. \$4. If by parcel post, add postage.

In ordering Seed Corn by Parcel Post allow for postage and cost of bags; see Postal Directions, page 1



White-Cap Yellow Dent Corn

# ENSILAGE SEED CORN

## Lancaster County Sure Crop

### HOLDS FIRST PLACE IN THE ESTIMATION OF MANY LEADING FARMERS

Of late many have come to believe that considerable Corn, as well as stalk, should go into the silo—and that where length of season permits, the Corn grains should be well glazed before cutting. Farmers with this viewpoint are firm believers in Lancaster County Sure Crop as the very best Corn for this purpose. Farm Bureau Agents throughout Pennsylvania have become acquainted, through tests with the merits of this variety, with its nutritive value as compared to other silage Corns, and recommend it highly. This

variety *grows quite tall—is very leafy—develops ears early—*withstands drought—will develop Corn well to the north. You will be pleased with Lancaster County Sure Crop as a silo-filling variety—rich in its protein content.

You will usually find 14 to 20 rows of grains, all tending to grow curved rather than straight, and set close together, with very little waste space between them. Lancaster County Sure Crop fills out especially well—from butt to tip. The grains are very hard and are not deep, but more square. There is not much cob, so that the proportion of shelled Corn to ear is very satisfactory. An especially good trait of this variety is that it produces a good ear on every stalk in the field. Pk. \$1, bus. (56 lbs.) \$3.75. If mailed by parcel post, add postage.

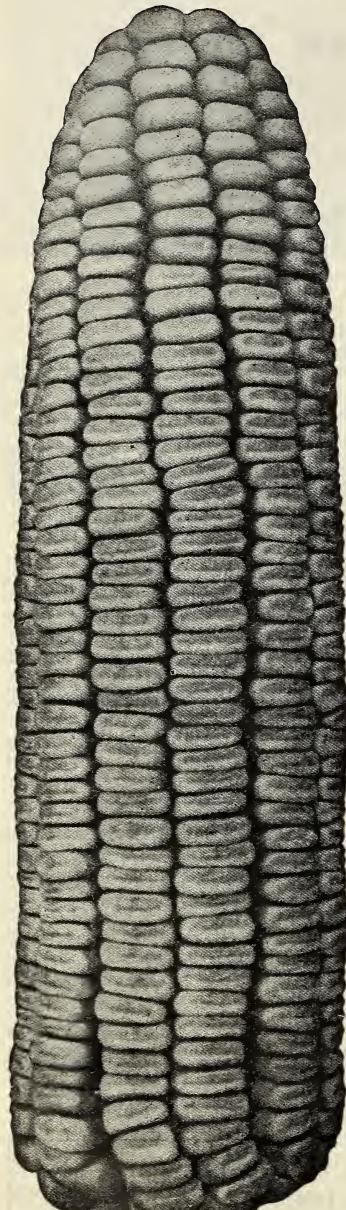
## Virginia-grown Eureka

It is the largest Corn we know of, growing from 14 to 18 feet high, on stalks 2 to  $2\frac{1}{2}$  inches in diameter, and has a vast amount of foliage. If it is a question of tonnage on your farm, grow Eureka Ensilage Corn. It gives you a succulent, palatable, cheap feed the year around. The seed we offer is the genuine Eureka, grown in the Shenandoah Valley of Virginia, and will give one of the largest crops of Ensilage Corn you have ever had. Pk. \$1, bus. \$3.75.

## Blue Ridge

### A NEW VARIETY OF ENSILAGE CORN OF GREAT MERIT

Blue Ridge is at least three weeks earlier than its famous prototype, Eureka, with all its good qualities and none of its faults. It is a product of the Blue Ridge Mountains of Virginia, bred for earliness so as to give a glazed ear in this locality at harvest-time. It grows 12 to 14 feet high, on a thick, heavy stalk, well filled with leaves which retain their color well to the ground until harvested. The ears average 10 to 12 inches long; the grain is broad, thick and white, containing an unusual amount of sugar, making this variety the ideal Ensilage Corn, insuring an appetizing and good-keeping silage. (See illustration from an actual photograph, two-thirds natural size.) Pk. \$1.25, bus. \$4. If wanted by parcel post, add postage.



Blue Ridge Ensilage Seed Corn

CAPACITY OF SILOS			SILAGE FOR 200 DAYS			Average acreage required	Seed required
Height	Diameter	Tons capacity	No. of animals to be fed	Lbs. fed per head per day	Tons silage required		
24 feet	12 feet	54	15	25	32.5	4	24 qts.
28 feet	12 feet	64	15	30	45.0	5	30 qts.
28 feet	14 feet	86	15	35	67.5	7	42 qts.
30 feet	14 feet	92	20	30	60.0	8	48 qts.
32 feet	16 feet	120	20	35	70.0	10	60 qts.
34 feet	16 feet	128	20	40	80.0	10 $\frac{1}{2}$	65 qts.
32 feet	18 feet	162	25	35	87.5	13 $\frac{1}{2}$	85 qts.
34 feet	18 feet	172	25	40	100.0	14	84 qts.
36 feet	18 feet	182	30	35	105.0	15	90 qts.

Our prices on Seed Corn are based upon normal crop conditions; otherwise prices will be altered to meet market conditions.



A field of Swedish Select Oats

*"As Ye Sow, So Shall  
Ye Reap"*

## SEED OATS

32 lbs. to the bushel. Sow  
2½ bushels to the acre

What was true twenty centuries ago is true today—"like begets like" holds good up to a certain extent. This is more true when applied to the Oat than any other cereal. There is always that tendency to reversion or the "seed run out" as we hear it expressed. The heaviest and best of new varieties run out if kept on the one soil too long. To keep the Oat yield up to standard we must continually import from the Oat-growing sections new stock for planting. An Oat that runs from three to six pounds above the standard weight certainly is preferable to one that runs under weight two to four pounds—any farmer can appreciate the difference and realize the difference in yield and feeding-value. Plant good Oat seed.

### Swedish Select

#### Extra-heavy Recleaned Seed

This Oats was introduced a few years ago by the U. S. Department of Agriculture and today is the most largely planted of all varieties in the northern central states. Briefly described, the Oat is pure white in color, the hull is thin, the kernel large and plump, and the straw stiff and strong enough not to lodge. A remarkable root development makes Swedish Oats a good drought resister—a special feature on light soils. Season medium early and the earliest of the heavy yielding sorts. Especially suited to high land. Swedish Select is grown with success in almost every section where Oats is grown on a commercial scale. Farmers who want a branching variety of a well-tried, reliable kind can safely put their trust in Swedish Select regardless of the acreage they want to put out. Pk. 40 cts., bus. (32 lbs.) \$1.30, 10 bus. or more, \$1.25 per bus.

At the Wisconsin Experiment Station: "It has stood at the head of the list for several years."

Professor Moore of Wisconsin says: "The most satisfactory Oats of all."



Oats can be shipped either in burlap sacks at 15 cts. each or cotton grain-bags at 35 cts. each.

### Improved Treatment for Oats Smut

Use one pint of Formalin (Formaldehyde 40 per cent) in 10 pints of water and with a spray pump direct a spray into each shovelful of grain as it is being shoveled over on a clean floor or canvas. This quantity, 11 pints, will treat 55 bushels at the rate of 1 pint to 5 bushels. Grain may be immediately sacked. 1/2 pt. 35 cts., pt. 50 cts.

### Empire Oats

This Oats, the product of the New York College of Agriculture, at Cornell, is a high-yielding variety suitable for poor soil. The head is of the branch or tree type, and it has a nice, white, plump berry with a thin hull, indicating a good percentage of meat. It is a few days earlier than most midseason varieties. The good, medium-stiff straw stands up well on medium rich soil; on heavy, rich soil it is inclined to grow rather tall. A vigorous-growing sort, in most seasons it produces an excellent yield of heavy weight per bushel. The authorities at Cornell have the following to say about the Empire Oat:

"We consider Empire superior in yield to most other varieties brought into this state from outside sources. It is one of the best yielding varieties ever produced by the New York State College of Agriculture, and we recommend it as one of the best strains available."

Empire is a proven heavy yielder. Bus. \$1.50, 10 bus. \$14.

### Heavy Weight Oats

The Michigan stock is a good yielder with plump grains. Reliable and reasonable in price. Bus. \$1.

We can send Potatoes by parcel post weighing 70 lbs. Potatoes weigh 60 lbs. to the bushel.  
If wanted by parcel post, allow for postage—1 lb. 7c.; each additional lb. 1c. in 1st & 2d zones.



Certified Irish Cobbler Potatoes

urge our customers to place their orders early, while our stock of all varieties is complete, as it frequently happens that we are unable to supply certain varieties late in the season. Owing to the perishable nature of Seed Potatoes the market is subject to radical changes, and it is impossible for us to guarantee prices; therefore, the prices given here are subject to change. Write for quantity prices.

## Northern-Grown Seed Potatoes

### GROWN ESPECIALLY FOR SEED

For many years we have made a specialty of supplying our trade with northern-grown Seed Potatoes, and have enjoyed a largely increased trade from year to year. This we attribute to the fact that our stock is especially grown for seed, by experienced growers in the cold northeast and being pure and true to name, produces a much larger yield, and Potatoes of a much finer quality, than the home-grown and western stocks usually sold in the open market for seed purposes.

We begin shipping Seed Potatoes as early in the spring as weather conditions will permit, usually the latter part of March. However, we

### Inspected and Certified Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This is yearly increasing in popularity for the early market. But few varieties, if any, combine earliness, size, and production in as great a degree. The crop is ready for market about ten days earlier than the Early Rose; tubers are uniformly larger and in average production of large crops it is not equaled by any of the extra-early varieties nor greatly surpassed in yield by any of the main-crop varieties. The vine is very stocky and vigorous, not as liable to be affected with blight or to suffer by drought as most others. No other of the early varieties is as dependable as this, and is so certain to produce a crop. Pk. \$1.25, bus. \$4.

**Early Ohio.** A few days earlier than the Early Rose, and similar in color and habit of growth; quality dry and mealy. Pk. \$1.25, bus. \$4.

**Bliss' Triumph.** The earliest variety known. This is the "Bermuda Potato" sold so largely in our city markets during the early spring. Potatoes are almost perfectly round, with rather deep eyes and the color is deep pink. Pk. \$1.25, bus. \$4.

**White Rural.** A midseason variety popular on the New York market. This potato is medium-sized, showing a pronounced flatness. The skin is white and smooth. A good cooker, a great yellder, and a vigorous grower. Pk. 75 cts., bus. \$3.

Prices subject to change without notice.

There is no crop so much benefited by the introduction of fresh, new seed as the Potato. ORDER EARLY while our stocks are complete.

**Burpee's Extra Early.** Finest quality and of good size. Tuber oblong, white, or very pale brownish skin; few and shallow eyes. Pk. \$1.25, bus. \$4.

**Stray Beauty.** Extremely prolific and a full week in advance of Early Rose. Color a beautiful light red; size medium; growth very uniform. Shape, nearly round. The flesh is white; very mealy when cooked. Pk. \$1.25, bus. \$4.

### Treat Your Potatoes with Semesan Bel

The instantaneous dip treatment for the control of scab, black-leg, and rhizoctonia. 4 ozs. 50 cts., lb. \$1.75, 5 lbs. \$8.

The All-Purpose Potato Spray.  
See page 52

**Ryrox**  
REG. U. S. PAT. OFF.  
TRADE MARK REGISTERED



Early Ohio Potatoes

# Fertilizers, Manures, Plant-Foods

## The Part Fertilizers Play in the Development of Plants

Fertilizers are the bread, meat, and milk in the diet of plants. There is nothing mysterious about fertilizers. Plants must be fed. If the soil in which they are grown is deficient in plant-food, it must be supplied, and in such quantities as the plant can assimilate it.

Commercial fertilizers are sold upon the analysis of plant-food they contain, the condition, mixing, and age of the material entering their composition.

The three principal plant-food elements contained in fertilizers are nitrogen, phosphoric acid, and potash. Nitrogen (ammonia) induces a quick, luxuriant growth of stem and leaf. All leafy quick-growing plants require it in an abundant available form.

Phosphoric Acid induces extensive root development, a profusion of stems and blossoms, hastens maturity, fills out grains and seeds, and causes the plant to have a strong, sturdy, healthy appearance.

Potash strengthens the structure of the plants, colors the fruit and flowers, helps the plant to ward off diseases, and improves the flavor and quality.

Stable and dried manures are unevenly balanced in plant-foods. They have an excess of ammonia over phosphoric acid and potash, but they do have a beneficial action upon the soil. Manure favors the development of friendly bacteria and improves the structure and texture of the soil by providing humus, a material whose absence or abundance determines to a large degree the development of plants.



## Plant Food

### MAKES THINGS GROW!

SACCO is a specially prepared Plant Food for the development of fine LAWNS, GARDENS, SHRUBS, FLOWERS, and TREES

#### Very Effective and Economical

A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

#### RECOMMENDED BY HIGHEST AUTHORITIES

#### Clean, Odorless—Easy to Apply

	Postpaid		
1-lb. can...	\$0 25	\$0 35	25-lb. bag.....\$1 75
5-lb. bag...	50	65	50-lb. bag.....3 00
10-lb. bag...	85	1 05	100-lb. bag.....5 00

#### HOW MUCH SACCO TO BUY

Figure your requirements at 2 to 4 pounds per square, 10 x 10 feet. Simple directions for applying are printed on each package.

**ADCO.** Converts straw, corn-stalks, dry leaves, and garden refuse, such as leaves, stalks, cuttings, potato, bean and pea-vines, etc., into artificial manure. **Adco** is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. Anybody can make **Adco** Manure. The process is perfectly simple and not at all laborious. 25-lb. bag \$2 (postpaid \$2.35), 100 lbs. \$7.75. Circular on request.

**EXCELSIOR PLANT-FOOD.** A complete and odorless plant-food prepared especially for house plants. It is immediately soluble in water, quick in action, enabling you to see its effect in a few days. An excellent and safe plant-food to restore color and promote vigorous, healthy growth and a profusion of bloom. Trial size, 20 cts. (postpaid 35 cts.), 12-oz. pkg. 35 cts. (postpaid 45 cts.).

**PEAT MOSS.** A light brown-colored virgin soil formed years ago by the growth and decay of mosses along the shores of fresh-water lakes. It is free from fungus and weed seeds and is highly absorbent and retentive of moisture, rich in carbonaceous matter, and has no detrimental mineral content. An excellent substitute for manure, and the one best material for mulching all plants and improving the texture of the soil. Trial bale (about 1 bus.) \$1.50, (postpaid \$1.70), large bale (8 bus.), will cover 240 sq. ft. 1 inch thick, \$4.50.

# Our Special Garden Fertilizer

## (Royster's Quality Trucker 4-8-7)

All growing plants require food. For the garden, where a diversified growing of plants is desirable, we know of no better form of plant-food than Our Special Garden Fertilizer. It contains the right amount and the right kind of plant-food for the growing of crops of all kinds. Contains 4 per cent ammonia, 8 per cent phosphoric acid and 7 per cent potash.

**3½ lbs. 30 cts. (postpaid 40 cts.), 10 lbs. 65 cts., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.50, ton \$50 (in 100-lb. bags).**



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil

## THE TWO MAGIC PLANT CROWERS

**NITRATE OF SODA.** This is the most soluble and quickly available form of nitrogen or ammonia. It is immediately available to the plants when applied. **1½ lbs. 15 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$4.75, 167 lbs. (original bag) \$6.68.**

**BONE-MEAL.** Pure ground bone. It is rich in nitrogen and phosphoric acid, the two principal plant-foods. Lasting in its effect; especially fine for roses and other blooming shrubs. **5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3.25, 500 lbs. \$15, ton \$58.**

**CATTLE MANURE.** (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only, \$3 each, 500 lbs. \$14, ton \$48.

**LAND SALT.** 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.25, ton \$20.

**HYDRATED LIME.** Slaked and pulverized, ready to apply to the soil. Hydrated (Powdered) Lime can be more uniformly distributed than other forms of Lime. Especially prepared for the lawn and garden. Bag (50 lbs.) 75 cts., ton \$20, delivered in the city; (at warehouse, ton \$14).

**ACID PHOSPHATE** (20 per cent). Apply 300 pounds per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 100 lbs. \$1.50, 167 lbs. (original bags) \$2.25 (delivered in city \$2.50); ton \$25.

**SULPHATE OF AMMONIA.** It is entirely soluble and is immediate in its action. It is a chemical compound of high purity. It is odorless. Apply at the rate of 100 to 200 pounds per acre (¼ to ½ lb. per 100 sq. ft.). **Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 12 lbs. \$1, 25 lbs. \$1.50, 100 lbs. \$5.**

**ROYSTER'S COMET GUANO (PENNSYLVANIA POTATO GUANO) (3-10-6).** A garden and potato fertilizer for the market and home-garden containing 3 per cent ammonia, 10 per cent phosphoric acid, and 6 per cent potash, well balanced in the essential plant-foods for the production of bumper crops of vegetables and potatoes. **Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.25, 50 lbs. \$1.75, 100 lbs. \$3, ton \$40.**

**ROYSTER'S BANNER GUANO (2-8-10).** An excellent fertilizer for potatoes, corn, and small grains, containing 2 per cent ammonia, 8 per cent phosphoric acid, and 10 per cent potash. Apply 300 to 1,000 pounds per acre. Bag (125 lbs.) \$3, ton \$41.

**ROYSTER'S RATIONAL GUANO (1-9-4).** A complete fertilizer that is used successfully and with good results on small grains, especially on land that has received application of stable manure and lime. Bag (125 lbs.) \$2.25, ton \$32.

**ROYSTER'S BULLY GUANO (2-8-5).** A better grade of fertilizer for small grains and corn. Bag (125 lbs.) \$2.50, ton \$36.



## Pulverized Sheep Manure

"A BAG EQUALS A LOAD"

**Nature's Fertilizer, Kiln-Dried and Pulverized. Free from Weeds—It Makes All Plants Grow**

This is probably the most extensively used of any animal manure by the florists and market-gardeners. The analysis shows it to be a perfectly balanced plant-food.

Pulverized Sheep Manure acts quickly, and is invaluable for all crops that require a quick stimulant at certain stages of development.

Get the genuine Sheep's-Head Brand—do not be fooled with odorless Sheep Manure. If you take the odor away, you take away the most valuable part—the nitrogen.

The genuine Sheep's-Head Pulverized Sheep Manure is a light brown color. It is not burned black like inferior grades. If you cannot smell pulverized Sheep Manure a mile away (figuratively speaking) it is not the real article.

It is prepared by a special drying, screening and grinding process which destroys every weed seed and eliminates every bit of worthless bedding and foreign matter. Only the pure fertilizer in most concentrated and effective form is packed in bags for convenient and economical use.

2 lbs. 15 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3, 500 lbs. \$13, ton \$45. Special prices on car lots, f. o. b. factory, on request. By mail, postage extra, 2 lbs. 10 cts., 5 lbs. 15 cts., 10 lbs. 20 cts.

# Remedies for Insects and Plant Diseases

Insects that suck the juices from plants, foliage, etc., such as lice, green, black and white aphis or fly, mealy bug, red spider and scale, thrust their proboscis into the leaf or stem, and are not affected by stomach poisons, so they must be destroyed by contact insecticides. Those in powder form kill by the breathing pores in the insect's skin; or in liquid form, by being absorbed through their pores. The best contact insecticides in powder form are Hellebore, Slug Shot, Carbola, and Tobacco Dust. The best fluids are Black Leaf 40, Fish-Oil Soap, Kerosene Miscible Oil, Scalecide, etc.

Insects that eat plants, foliage, vegetables, fruits, flowers, etc., whether bugs, beetles, worms, caterpillars, or slugs, are more quickly and effectually destroyed with a poisonous stomachic insecticide such as Arsenate of Lead, or Hellebore. These, if applied according to directions, are so diluted as to be harmless to vegetation and to animal life. Less poisonous stomachic and contact insecticides are Kerosene Miscible Oil, Slug Shot, Carbola, etc.

**NOTICE.** Customer pays transportation. Poisons and liquids not mailable. Allow postage on mailable insecticides, if wanted by parcel post.

**Ant Killer.** A very effective and much-needed product for use on lawns, around flower-beds, and the house. 50 cts.



**Acme Arsenate of Lead.** The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes, and tobacco. Can be used as dust or spray.  $\frac{1}{2}$ -lb. can 30 cts., lb. can 45 cts., 4-lb. bag \$1, 100 lbs. \$17.

**Acme All-Round Spray.** The latest improvement in the insecticide field. One product which will combat blight and fungous diseases, control sucking insects, and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers, and shrubs. Write for descriptive circular.  $\frac{1}{2}$ lb. 40 cts., lb. 90 cts.

**Acme Bordeaux Mixture.** Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant-growth. Almost every kind of vegetable, fruit, and shrub can be greatly improved by the early use of Bordeaux Mixture. Lb. 40 cts., 4 lbs. \$1.15.

**Acme Garden Guard.** A garden insecticide and fungicide for use as a dust. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs. 1-lb. can 25 cts.

**Acme Bait-M.** An effective insecticide bait. For use against snails, cutworms, sow bugs, grasshoppers, and many other insects which migrate along the ground. 1-lb. can 35 cts.



**Black Leaf 40**  
40% Nicotine

Kills  
Aphis

**Black Leaf 40.** A concentrated solution of nicotine sulphate; an excellent spray for black aphis and sucking insects of all kinds. Dilutes one part to 900 or 1,000 parts of water, according to treatment. Full directions on each package. Oz. 35 cts.,  $\frac{1}{2}$ lb. \$1.25, 2 lbs. \$3.25, 10 lbs. \$11.85.

**Blue Stone (Copper Sulphate). Crystals.** For making Bordeaux Mixture; best-known remedy for blight. Lb. 15 cts., 10 lbs. \$1.25, 100 lbs. \$8.

**Copper Solution Ammoniated.** A fungicide the same as Bordeaux Mixture, the essential ingredient, carbonate of copper, being dissolved in ammonia. Qt. \$1.25, gal. \$3.50.

**Crow Repellent.** Protects corn from rot, birds and animal pests, such as crows, gophers, squirrels, etc. Does not hinder germination. Large can (enough for 2 bus. seed corn), \$1.50; small can (enough for 1 bus.), \$1.

**Cutworm Killer.** It has an enticing odor and attracts worms. One pound is sufficient for 175 plants in hills, or 100 feet when in rows. 50 cts.

**Fish-Oil Soap (Whale-Oil Soap).** A spray for insects and eggs on plants; and used as a spreader on spraying with Black Leaf 40. Lb. 30 cts., 5 lbs. \$1.25.

**Formalin.**  $\frac{1}{2}$ pt. 35 cts., pt. 50 cts.

**Grafting Wax.**  $\frac{1}{2}$ lb. 25c., lb. 40c. Postage extra.

Insecticides containing poisons cannot be sent through the mails. Except where the postpaid prices are given, they must be sent by express or freight.

## Dusting Materials

**For the control of certain insects and plant diseases**

**Carbola.** As a dust it is recommended for vegetable and flower-garden, controlling such insects as the aphid, cabbage, and other worms and insects. 5 lbs. 75 cts. (postpaid 90 cts.), 10 lbs. \$1.25 (postpaid \$1.45), 50 lbs. \$5, postage extra.

**Carbola Duster.** 17 in. long. \$1.25 (ppd. \$1.40). **Cyanogas (Calcium Cyanide).** "G" grade for greenhouse fumigation. 5-lb. can \$2.50. Circular on request.

**Cyanogas.** "A" dust for the control of ants, rats, etc. 1-lb. can 60c. Interesting circulars on request.

**Corona Coppercarb.** A copper carbonate dust, and an efficient fungicide for treating wheat smut. 5-lb. carton (will dust 25 bushels), \$1.

**Hellebore, Powdered White.** Less poisonous than Paris Green and Arsenate of Lead, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 ounce in 3 gallons of water.  $\frac{1}{2}$ lb. 35 cts., lb. 60 cts.

**Niagara A-1 Mixture.** For the control of aphids and red bugs. The best contact dust for sucking insects. Lb. 25 cts., 10 lbs. \$1.80, 100-lb. drum \$16.50.

# INSECTICIDES AND FUNGICIDES

**Niagara Copodust.** A copper fungicide without poison for the control of blight on celery, potatoes, and other vegetable crops. Copodust is manufactured under a patented process, giving it the colloidal features necessary for greatest sticking and spreading qualities. Lb. 15 cts., 10 lbs. \$1.50, 100-lb. drum \$10.

**Niagara Copotex.** A new, exclusive copper-lime dust with poison added for the control of blight, bugs, and slugs on potatoes, cabbage and other vegetable crops. Lb. 20 cts., 10 lbs. \$1.50, 100-lb. drum \$12.

**Niagara Kolodust.** A sulphur fungicide of infinite fineness with colloidal properties making it far superior to ordinary sulphur dust used for the black-spot on roses. Lb. 10 cts., 10 lbs. 75 cts., 100 lbs. \$6.50.

**Kayso.** Spreads the spray and makes it stick. Used in connection with Arsenate of Lead, Sulfocide, and other sprays.  $\frac{1}{2}$ lb. 15 cts., 10 lbs. \$2.50.

**Kerosene Miscible Oil.** Better than Kerosene Emulsion. Is especially valuable against all soft-bodied insects. Can be used in place of Nicotine. Contains 80 per cent kerosene. Dilute 1 part oil to 16 parts water. Tender plants 1 part to 36 parts water. Pt. 50 cts., qt. 75 cts.

**Mag-O-Tite.** Not a new product. It has been used extensively in the elimination of root maggots in cabbage, kale, Brussels sprouts, onions, radishes, and similar garden crops. Quantity required: 1 lb. will cover 150 feet of drill mixed in soil when planting. 1-lb. tin 50 cts.

**Nico-Fume Liquid.** A highly refined solution of "Free Nicotine" for the control of aphids, thrips, etc., under glass. 8 lbs. \$13.

**Melrosine Rose-Bug Destroyer.** A splendid insecticide against all pests. **Kills rose-bugs** and other insects. Trial size 50 cts., pt. \$1, qt. \$1.75.

**Paris Green.** The strongest insect poison.  $\frac{1}{2}$ lb. 20 cts.,  $\frac{1}{2}$ lb. 35 cts., lb. 50 cts., 5 lbs. \$2.25.

**Para-Dichlorobenzene** (Hooker's Paracide). A successful remedy for controlling the peach borer. Use 1 ounce to a tree. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.75, 50 lbs. \$13.

**Pyrox.** The one best spray for potatoes, tomatoes, cucumbers, melons and other vegetables, grapes, currants and flowers. Recognized for over a quarter of a century as the standard. Pyrox kills bugs, prevents blights and increases yields. Get ahead of the crows by treating seed corn with Pyrox. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.25, 50 lbs. \$10.75, 100-lb. drum \$15.50. Cannot ship by parcel post.

**San-O-Spray.** Flies, roaches, mosquitoes, water bugs, ants, bed-bugs, moths, fleas, lice and spiders quickly succumb to the death-dealing effects of this wonderful Insecticide. It kills the flies in the barn and keeps the cattle free from lice, but does not discolor the hair or injure the hide. Pt. 75 cts., qt. \$1.25, gal. \$3.50, 5 gals. \$15.

**Slug Shot.** A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to the person applying it, or to fruits and vegetables. Destroys potato bugs, beetles, green flies, slugs, worms; especially useful in the control of the spotted or striped cucumber beetle on melon and squash. 1-lb. carton 20 cts. (postpaid 30 cts.), 5 lbs. 60 cts. (postpaid 75 cts.), 10 lbs. \$1.10.

## Treat All Your Seeds Before Planting

**Semesan.** This may be used as a dust or liquid to cleanse seeds of fungous diseases before planting. Easy to apply. Costs only  $\frac{1}{4}$  to 1 cent per pound of seed. Recommended for flower and vegetable seeds. 2 ozs. 50 cts., lb. \$2.75, 5 lbs. \$13.

**Semesan, Jr.** The dust disinfectant for seed, field and sweet corn. Controls corn root rot diseases. Prevents seed from rotting in ground. Generally increases yield 10 to 15 per cent. Costs only  $2\frac{1}{2}$  cents an acre to apply. 4 ozs. 50 cts., lb. \$1.75, 5 lbs. \$8.

**Semesan Bel.** The instantaneous dip treatment for white and sweet seed potatoes. Simply mix, dip, drain, dry, and plant. Controls such seed-borne diseases as scab, rhizoctonia and black-leg. Increases yields. 4 ozs. 50 cts., lb. \$1.75, 5 lbs. \$8.

**Ceresan.** This dust treatment controls smuts of wheat, oats, barley, rye, and sorghum; also controls barley stripe. Convenient to use. Does not injure grain-drill. 8 ozs. 50 cts., lb. 75 cts., 5 lbs. \$3.

**Spray Lime.** Pebble Lime for mixing in Bordeaux Mixture. Steel drum (192 lbs.) \$3.50.

**Sulfocide.** A highly concentrated non-poisonous liquid sulphur fungicide used as a summer spray on peach and other stone fruits in combination with Kayso and Arsenate of Lead. Pt. 70 cts., qt. \$1, gal. \$2.75, 5 gals. \$8.75.

**Sulphur, Powdered.** Lb. 5 cts., 100 lbs. \$2.75.

**Tobacco Dust, Fine.** For green and black aphis, fleabeetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. Lb. 10 cts., 5 lbs. 35 cts., 100 lbs. \$3.75.

**Tobacco Powder.** Gold Leaf Brand is especially prepared for the control of round worms in poultry. It is guaranteed to contain not less than one per cent nor more than one and one-half per cent of actual nicotine. Use two pounds to one hundred pounds of dry mash. Lb. 15 cts., 5 lbs. 60 cts., 10 lbs. \$1, 100 lbs. \$7.50.

**Scalecide.** The latest and best spray for San Jose scale, cottony maple scale, and pear psylla. It is not poisonous, being simply a mechanical preparation of petroleum oil that instantly mixes with cold water and is immediately ready to apply. One gallon of Scalecide to 15 gallons of water sprayed on your trees and bushes, will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter, or early spring, while the foliage is off. Qt. 75 cts., gal. \$1.75, 5 gals. \$6.25, 15-gal. drum \$13.50 (\$2 rebate allowed on return of drum), 30-gal. bbl. \$26, 50-gal. bbl. \$38.

**Volek.** A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc.; not only kills the insects but also acts as a repellent.  $\frac{1}{2}$ pt. 50 cts., pt. 75 cts., qt. \$1, gal. \$3.

**Water Glass.** For preserving eggs. Pt. 15 cts., qt. 25 cts.

**Weed and Ivy Killer.** Qt. 60 cts.,  $\frac{1}{2}$ gal. \$1.

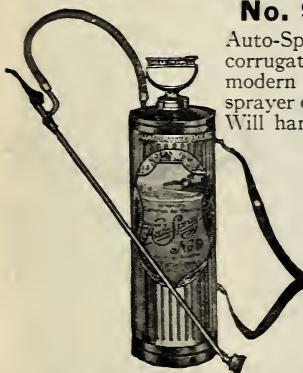
Insecticides containing poisons cannot be sent through the mails. Except where the postpaid prices are given, they must be sent by express or freight.

# Spray Pumps, Nozzles and Fixtures



Dusting Celery with the Peerless Dust Gun

**The Peerless** is adaptable for dusting all ground crops and fruit trees. **It is a perfectly balanced machine—load is divided front and rear.** The hopper containing the material is in the rear of the operator, the crank is directly in front, allowing a full and free arm movement without straining the shoulder. There is a body support attached to a universal joint, permitting the operator to direct the gun to a wide range of action. **No. R2. \$22.50.**

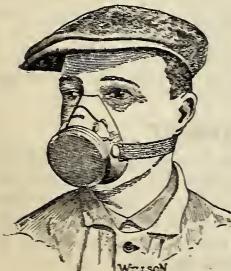


Brass tank \$9.00 (postpaid \$9.25).



### No. 26 A. G. Continuous Atomizer

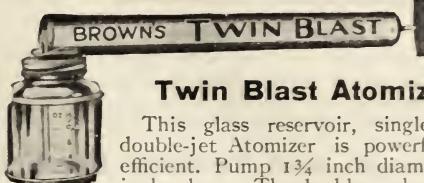
No more ruined sprayers because of rusted or corroded tanks. This glass tank Continuous Atomizer is the newest and most practical sprayer of its kind. Will last for years. Lithographed tin pump, glass jar tank, 1 qt, \$1.25 (postpaid \$1.40).



### Dust Mask

For Protection Against Poisonous Dusts and Sprays

The use of agricultural dusts and sprays demands the wearing of a carefully constructed breathing mask for protecting the nose, mouth, throat, and lungs. Postpaid \$2.25.



### Twin Blast Atomizer

This glass reservoir, single-acting double-jet Atomizer is powerful and efficient. Pump 1 3/4 inch diameter, 18 inches long. The double syphon tubes throw a large blast of fine spray. Excellent for cattle fly spray and all around spraying. Drip cup in can top. Jar has Mason thread and any fruit jar can be used. Metal parts are of extra-heavy tin plate. Brown's Twin Blast, 1 qt., 70 cts. (postpaid 85 cts.).



### New Era No. 23

A 3-quart capacity continuous Atomizer that will handle all spraying solutions and is particularly recommended for oily solutions which are difficult to handle in other sprayers. Made in all brass only. \$3 (postpaid \$3.20).



### Duster Brown No. 1

This Duster is adapted for use with all insect powders. A favorite with the housewife. Powder chamber 1 3/4 inches diameter, 4 inches long. Pump 1 3/4 x 12 inches. 50 cts. (postpaid 60 cts.).



### Hudson Master Fog

**No. 403.** Master Fog Sprayer. Qt. size, 50 cts. (postpaid 60 cts.).

**No. 303.** Fog Sprayer. Heavy tin. Pt. size, 40 cts. (postpaid 50 cts.).



### Hudson Continuous

Delivers finely divided, atomized mist continuously.

**No. 424.** Continuous sprayer, heavy tin, 85 cts.

**No. 424B.** Continuous sprayer, brass tank, brass pump, \$1.25. If wanted by mail, add 15 cts.

**TRACTION SPRAYER.** Iron Age No. 357N, with Nixon Boom, complete for \$265.

**POWER SPRAYER.** Special Union Leader, with 4 hp. engine attached. \$426.

**NON-KLOG JR. SPRAY NOZZLES.** Angle or straight, 75 cts. (postpaid 80 cts.).

**BAMBOO EXTENSION RODS.** With connections. 6 or 9-ft., \$4 each.

**BRASS EXTENSION RODS.** 2 feet long. 75 cts. A complete line of other Nozzles and Connections

# BEST GRADE BERRY BASKETS

## Made of Sweet Gum

Standard quart and pint-size Baskets for strawberries and other small fruits. Best quality. "Arrow Brand" Berry Baskets are superior to other makes. They are packed securely in crates of 1,000. \$8.50 per crate.

## Peach and Tomato Baskets

Containers for marketing Peaches, Tomatoes, etc. Standard 16-quart size, made of the best materials. 10 cts. each, \$8 per 100. Ask for lowest prices on quantity wanted.

## Waterproof Paper Celery Cuffs

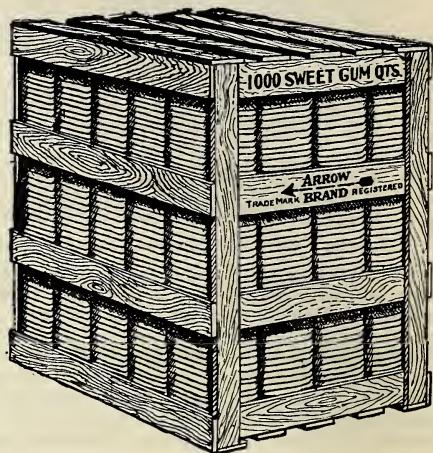
Bleaches Celery quickly, easily and cheaply. Made of specially prepared waterproof paper that will last for years. Using them over and over again makes their use inexpensive. 9 x 13 in., 12 for 30 cts. (postpaid 40 cts.), \$2 per 100 (postpaid \$2.20), \$18 per 1,000. Sample on request.



Peach Basket

## "Gripit" Peach Basket Carrier

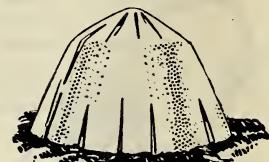
50 cts. (ppd. 65c.).



Arrow Brand Berry Crate

## Germaco Hotkaps

New Method of Plant Protection



Matures crops earlier; shields plants from wind, rain and light frosts; protects them from insects; keeps dirt soft—miniature "hothouses." A revolutionary device that saves much in time, labor and money. Full directions in free circular. 12 Hotkaps for 25 cts. (by parcel post 35 cts.); 100 for \$1.50 (by parcel post \$1.75); 1,000 \$11.50.

Hotkap Setters. Used when large quantities are set. \$2.50 extra.

## CEL-O-GLASS

THE REAL GLASS SUBSTITUTE

For Hotbeds, Coldframes, Poultry and Farm Buildings

CEL-O-GLASS resembles the best window-screen wire, the spaces filled with the unique transparent substance that gives CEL-O-GLASS its marked superiority over brittle lead-and-sand glass. CEL-O-GLASS is needed wherever there is a window. It is ideal for laying-houses, colony houses, brooders, barns, and other farm outbuildings. CEL-O-GLASS is also ideal for hotbed sash, coldframes, fronts, sides, and interior partitions of greenhouses. Write for sample and booklet FREE.

In rolls one yard wide, \$1.62 per yard, 10 yds. or more, at \$1.48 per yd. (postage extra, 1 yard 10 cts., each additional yard 2 cts.)

## GLASS CLOTH for Poultry and Brooder Houses, Etc.

Our improved Glass Cloth this year is farther ahead of our imitators than ever before. We have made a decided improvement in strength and hardness of material.

Glass Cloth can be used to advantage on poultry-houses, poultry scratch-sheds and little chick brooders, hotbeds and coldframes, sun-porches, and other places where an inexpensive light weatherproof material that sheds a soft warm even light, full of ultra-violet rays is desired. Glass Cloth is put up in rolls 36 inches wide. Yd. 40 cts., 10 yds. \$3.50, 15 yds. \$5. (Postage extra, 1 yd. 7 cts., each additional yard 1 cent.)

## The Cyclone Seed Sower

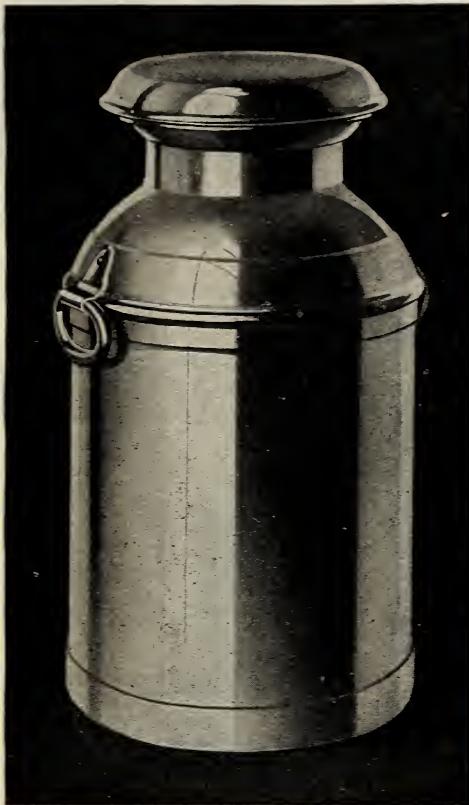
**Cyclone Construction.** Its well-known double feed insures a uniform flow of seed. Slope feed-board keeps hopper properly filled. Feed adjustment is automatic and starts or stops flow of seed instantly. Triple gears are adjustable to take up possible wear. Distributing wheel is made of metal, has an interlock hub and scatters seed evenly—throws equal amounts to equal distance on each side of operator. \$2 (postpaid \$2.25).



## DAIRY SUPPLIES

The dairy business provides a steady and unfailing source of income and is becoming more popular. As the population in the cities increases, the demand for dairy products becomes greater. Few, indeed, are the farmers in the East who have not felt this urge, and dairy farmers are gradually supplanting the straight, grain-producing ones.

It is our desire to cater to the farmer's wants, to be of service to him in supplying his needs. Realizing the need of a place where the dairy farmer can procure all the requisites necessary to the dairy business, we have met this need by adding dairy supplies. We are able to furnish all the things necessary to the dairy farmer by parcel post, express, or freight. We are listing in our annual seed catalogue some of the more important items, and we ask the interested farmer to look over our offerings.



**NEW YORK PATTERN MILK-CANS.** Standard heavy weight shipping Cans. Umbrella top; malleable steel drop handles. 20-qt. size \$3.75; 30-qt. \$4.50; 40-qt. \$4.75.

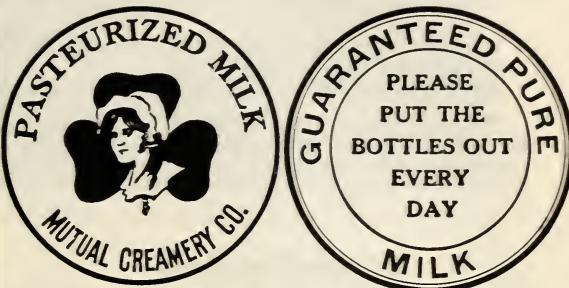
**CLEVELAND PATTERN MILK-CANS.** Same price, weight, and style as New York pattern, except that they have stationary upright malleable steel handles.

**TIGER PATTERN MILK-CANS.** Lighter weight than the above patterns with upright malleable steel handles and umbrella tops. 20-qt. size \$3.50; 30-qt. size \$4; 40-qt. size \$4.50.

**CREAM SEPARATOR CANS.** 20-qt., with spigot and glass, \$2.75; without spigot or glass, \$2.25.

**LISK QUALITY MILK-PAILS.** Plain, 14-qt. \$1.75; Hooded, 14-qt. \$2.10.

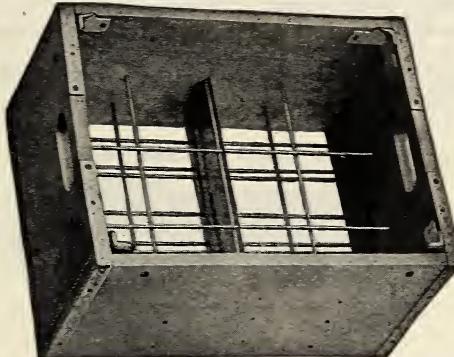
**SNAG-PROOF RUBBER APRONS.** Acid-proof, steam-proof, and hot-water-proof. Light weight 75 cts.; medium \$1; extra-heavy and large \$2.25 postpaid.



### Bottle-Caps

Our Milk Bottle-Caps are made of the famous Fulton Board and thoroughly parafined.

Lb. (500 caps, estimated). 35 cts. (postpaid 42 cts.)  
Boxes (5,000 caps)..... \$2.50 (postpaid \$2.70.)  
50,000 caps, printed, your design..... \$17.50  
50,000 Lift Right Caps, your design printed... 20 00



### Bottle-Cases

Standard wood Cases, made of hardwood, with strong steel rod partitions and cast-iron piling lugs.

Each  
Quart-size. Standard. Holds 12 quart bottles. \$1.75  
Pint-size. Standard. Holds 20 pint bottles. 1.75  
Pint-size. Built up. Holds 16 pint bottles. 2.00  
½-pint size. Built up. Holds 20 ½-pint bottles. 2.25  
½-pint size. Built up. Holds 16 ½-pint bottles. 2.25

In lots of 10, ten per cent off.

**TEAT DILATORS.** Dr. Naylor's Medicated. Postpaid \$1.

**TEAT DILATORS.** Purped Medicated. Postpaid 25 cts.

**LISK SANITARY STRAINERS.** Two sizes, \$2.25 and \$2.50.

**COTTON PADS FOR STRAINERS.** Carton of 100 for \$1 (postpaid \$1.10); 300 for \$2.75 (postpaid \$2.90).

## Milk Bottles

The Milk Bottles, manufactured by the Thatcher Manufacturing Co., are made of the best material. They do not have that bluish cast which is found in inferior bottles, but are clear white, showing to advantage the quality of the milk. It is the only bottle made that will not chip off when machines are used in cleaning. Prices subject to change. Shipped and packed in cases of  $\frac{1}{2}$  gross only. F. O. B. Williamsport, Pa.

Quarts, \$8.50 per gross,  $\frac{1}{2}$  gross \$4.35

Pints, \$6.50 per gross,  $\frac{1}{2}$  gross \$3.35

$\frac{1}{2}$  pints, \$5.50 per gross,  $\frac{1}{2}$  gross \$2.85

10 gross lots, 25 cts. less per gross.

25 gross lots, 50 cts. less per gross.

Name Plates on milk bottles, \$2.50 for each size.

We are jobbers of Thatcher Milk Bottles. Orders shipped from factory average about \$1 less per gross than above prices. We cannot ship less than 1 gross of each size, of named Bottles from factory.



## Bottle-Brushes



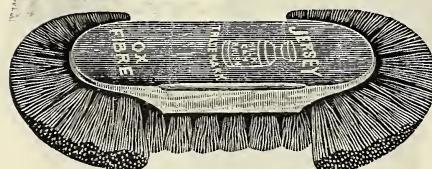
Made of selected hair and spiral wound.

All Bottle and Milk-Can Brushes sent by Parcel Post, 10 cts. extra.

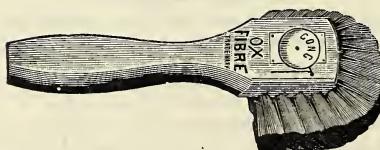
Hand Bottle-Brushes. 10-in. handle, flat top, 60 cts. each; pointed top, 50 cts. each.

Machine Bottle-Brushes. Short handle; flat top, 60 cts. each; pointed top, 50 cts. each.

## Milk-Can Brushes



Jersey. Ox-fibre. 55 cts. each.



Gong. Ox-fibre. 50 cts. each.

## Wyandotte Cleaner and Cleanser

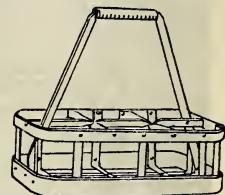
A cleanser especially prepared for dairy purposes. It contains no grease, lye, caustic, acid, or preservatives. It makes no suds. It is pure and purifying. Wyandotte is used and recommended by every State Dairy School and Agricultural College in this country and Canada. Its use is universally endorsed by Dairy and Pure Food Inspectors, as well as Boards of Health. 5 lbs. 45c., keg (80 lbs.) \$5.29, barrel (280 lbs.) \$15. A 5-lb. bag for trial, 55 cts. postpaid.

## Perfection Bottle-Carriers

Made of plain annealed steel bands. Will carry quarts, pints, and half-pints.

6-bottle size. Pint or quart. \$1.75 each.

8-bottle size. Pint or quart. \$2 each.



## Champion Milk Coolers

	Each
No. 2. 10 to 25-cow size.....	\$ 9 00
No. 3. 25 to 50-cow size.....	11 00
No. 4. 50 to 100-cow size.....	14 00



STERILIZER  
DISINFECTANT  
DEODORANT  
PURIFIER

B-K has over ten times the power of undiluted carbolic acid for killing germs of disease and the bacteria which cause decomposition and odors in milk containers and utensils. Odors are caused by bacteria. B-K removes the odor by destroying the cause. It leaves no odor of itself.

10-oz.....	\$0 60	Gallon.....	\$3 00
Quart.....	1 25	5-gal.....	12 50

We cannot ship B-K by Parcel Post



This lively bunch of little chicks is thriving on Conkey's Starting Feed

### *The Truth About Baby Chicks*

A reliable authority tells us that it costs an amateur or home breeder 25 cents or more for every live Chick hatched. Frequently these Chicks are low in vitality, coming from ordinary breeding stock, causing many losses and great disappointment.

How much better, quicker and cheaper to buy husky Chicks full of life and energy, hatched from "bred-to-lay," free range stock, all ready at one time to grow and develop profitable producers of eggs and meat.

Feed Baby Chicks for eight weeks on Conkey's Buttermilk Starting Feed with our Combined Regulator Grit. This will give you a wonderful start in securing that flock for next season's supply of eggs.

# BABY CHICKS

It's a lot easier to get your Chicks ready hatched than to bother with hatching—usually cheaper, too. Just the kind you want—just as many as you need—just when you need them. Take them out of a shipping-box and *watch them start to grow!*

Our experience as Seedsmen teaches us the value of "quality." We use this principle with our Day-Old Chicks.

Our Baby Chicks from utility matings are better than ordinary chicks offered "cheap";—they are bred to lay—pure to type—better in every way.

Our Special Mating Chicks are intended for Breeding or Special Laying Stock.

We pay the Parcel Post including the Special Handling charge and guarantee One Hundred Per Cent safe arrival.

Claims for losses must be signed by postal official at delivery office.

Send order with full remittance in bank check, post office money order, or draft. We cannot ship Chicks C. O. D.

Indicate when you want shipments made. We do not ship less than 25 Chicks of any one variety.

### Price-List—March 1 to April 30, 1929

After April 30 Chicks 2 cts. each less than quoted. Late June and July Chicks, specially low prices will prevail

#### Barred Plymouth Rocks, Rose and Single Comb Rhode Island Reds.

	25	50	100
Utility Matings.....	\$3 75	\$7 50	\$14 00
Special Matings.....	4 75	9 50	18 00

#### Single Comb White Leghorns, and Brown Leghorns.

Utility Matings.....	\$4 00	\$7 00	\$13 50
Special Matings.....	4 75	9 50	18 00

#### White Plymouth Rocks, White Wyandottes.

Utility Matings.....	\$4 25	\$8 00	\$15 00
Special Matings.....	5 25	10 00	19 00

Place your Chicks under a brooder with a temperature from 95 to 100 degrees. Remember for the first ten days heat to the Baby Chicks is as necessary as food.



## Conkey's THE ORIGINAL Buttermilk STARTING FEED

Conkey-fed



chicks are lucky fellows sure to make profit for you. This famous feed was the first containing buttermilk. It's the **original** buttermilk starting feed and is scientifically balanced to give just what the chicks need the first six weeks. It just does not pay to experiment—feeding chicks is expert business and when you stick to Conkey's you know you are feeding the best possible way and will raise the most chicks. **Contains Y-O** already mixed in, so you do not have to bother with cod-liver oil when brooding indoor chicks, etc. Y-O insures ample vitamins A, B, and D and chicks make wonderful growth with **absolutely no loss from rickets or leg weakness**. Stick to Conkey's and you'll have chicks to be proud of. Lb. 10 cts.,  $2\frac{1}{2}$  lbs. 20 cts., 5 lbs. 35 cts., 10 lbs. 65 cts., 25 lbs. \$1.50, 100 lbs. \$5, 500 lbs. \$24.

**Conkey's Chick Grain.** Contains no grit to make weight, and not too much corn. Pure grains only. Made from pinhead oatmeal, cracked white and yellow corn, cracked wheat, cracked peas, Kaffir corn, Milo maize, millet, etc. It is the highest grade of Chick Grain ever made, and worth all it costs. Feed in combination with Conkey's Buttermilk Starting Feed and Chaapel's Regulator Grit. Lb. 7 cts.,  $2\frac{1}{2}$  lbs. 15 cts., 5 lbs. 25 cts., 25 lbs. \$1.10, 50 lbs. \$2.10, 100 lbs. \$4.

If wanted by parcel post, add 7 cts. for first pound and 1 cent for each additional pound

**Conkey's Buttermilk Growing Mash.** This differs materially in analysis and ingredients from Conkey's Buttermilk Starting Feed, being balanced to continue the rapid growth begun by the Starting Feed. The Growing Mash is a richer feed, higher in protein and bone than the Starting Feed. It also contains a little more fiber. It also contains less corn, because corn is heating in summer and also fattening, whereas the developing bird requires muscle and bone-forming materials. 1 lb. 7 cts., 5 lbs. 30 cts., 10 lbs. 55 cts., 25 lbs. \$1.25, 50 lbs. \$2.10, 100 lbs. \$4, 500 lbs. \$18.75.

**Buttermilk Laying Mash (Conkey's).** Contains dry buttermilk, a valuable feed for egg-production. No other Mash compares with Buttermilk—it is in a class by itself. Sold by us for years on its merits. Feed it dry and you will be more than pleased. Feed for eggs and get them. Lb. 5 cts., 10 lbs. 50 cts., 25 lbs. \$1.10, 50 lbs. \$2, 100 lbs. \$3.75.

**Scratch Grain (Conkey's).** Made from pure grains only. Not a pound of waste to the ton. Balanced to produce eggs; properly sized and mixed. Lb. 5c., 5 lbs. 25 cts., 25 lbs. \$1, 100 lbs. \$3.25.

**Charcoal, Granulated, Fine and Coarse.** Lb. 10 cts., 5 lbs. 35 cts., 25 lbs. \$1.25, 50 lbs. \$2.

**Cut Clover.** Excellent for mashes or as litter for little chicks. Lb. 6 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$2, 100 lbs. \$3.50.

**Royster's Fish Meal.** A specially prepared fish-scrap. Lb. 6 cts., 100 lbs. \$4.50.

**Meat Scrap.** Best quality. 45 to 55 per cent protein. Lb. 6 cts., 10 lbs. 60 cts., 100 lbs. \$5.

**Oyster Shells.** Furnish lime to make egg-shells. 5 lbs. 10 cts., 100 lbs. \$1.25.

**Fos-For-Us** grits and minerals for poultry and hogs. 10 lbs. 25 cts., 100 lbs. \$1.50.

## Chaapel's Regulator—A Combination Grit Necessary for Little Chicks and Laying Fowls

Contains cracked bone for the building of bone and frame, charcoal for the sweetening of the crop and as an aid to digestion. Egg Shell Grit is the proper size for the proper mastication of food, together with other ingredients necessary for the proper grinding of food, body-building material, teeth, and tonic. A most valuable product for the proper raising of little chicks. Keep it before them all the time in a grit hopper or scatter in the litter. 2 lbs. 10 cts., 5 lbs. 25 cts., 25 lbs. \$1, 50 lbs. \$1.75, 100 lbs. \$3. Postage extra, 2 lbs. 10 cts., each additional pound 1 cent.

## Conkey's Poultry Remedies and Insecticides

Poultry cannot be profitable unless they are healthy. The importance of prevention by the use of a germicide, like Noxi-cide, should not be underestimated. This line is complete. Postage extra, 5 cts.

Conkey's Poultry Book free



Conkey's Roup Remedy and Pills 25 cts. and 50 cts.  
 Conkey's Cholera Remedy..... 25 cts. and 50 cts.  
 Conkey's White Diarrhea Remedy. 25 cts. and 50 cts.  
 Conkey's Gape Remedy..... 25 cts. and 50 cts.  
 Conkey's Head Lice Ointment... 10 cts. and 25 cts.  
 Conkey's Poultry Conditioner... 25 cts. and 50 cts.  
 Conkey's Laying Tonic..... 25 cts. and 50 cts.  
 Conkey's Poultry Laxative..... 25 cts. and 50 cts.  
 Conkey's Lice Powder... 3 sizes, 20c., 35c. and 75c.

Conkey's Bronchitis Remedy..... 60 cts.  
 Conkey's Chicken Pox Remedy. 25 cts. and 50 cts.  
 Conkey's Limber Neck Remedy..... 50 cts.  
 Conkey's Rheumatic Remedy..... 50 cts.  
 Conkey's Black Head Remedy..... 50 cts.  
 Conkey's Poultry Worm Remedy. 25 cts. and 50 cts.  
 Conkey's Scaly Leg Remedy..... 25 cts.  
 Conkey's Stock Remedies..... 25 cts. and 50 cts.  
 Conkey's "Noxi-cide" Pt. 50c., qt. 80c., 2 qts. \$1.30

### Pratt's Poultry Regulator Prices on request CONKEY'S LAYING TONIC, BARKER'S CATTLE AND POUMLY POWDER



It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting them into condition for heavy egg laying or winning blue ribbons.

### Kow-Kare, The Great Cow Medicine

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kare—the medicine for run-down cows. It has worked wonders in many herds, and is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring, Lost Appetite. Two sizes, 65 cts. and \$1.25, postpaid. **Garget Remedy**, 65 cts. Send for Booklet.



Bag Balm, 60c., ppd.

## KO-VITA The Tonic You Have Been Seeking 100% True

Trade-Mark Reg.

**NORWEGIAN COD-LIVER OIL** (phosphated and plain). A vitamin-rich food for Dogs, Cats, Birds, and Poultry

There is no better remedy to keep your dogs in the most healthful condition than Ko-Vita, raw Norwegian cod-liver oil. A teaspoonful mixed with food twice daily gives surprising results.

**Distemper claims many fine dogs.** Keep the blood-stream in good condition and the dogs will be able to throw off even the worst contagion. Ko-Vita is Nature's way of building reserve force through blood resistance. 2-oz. bottles. For cage-birds, 25 cts.; 5-oz. bottles (Phos.). For dogs 50 cts.; pt. can (Phos.). For dogs \$1; ½-gal. can (raw). For Poultry \$1; ½-gal. can (raw). For Poultry \$1.75; 1-gal. can (raw). For Poultry \$3; 30-gal. bbl. \$50. Descriptive circular on request.

### Glover's Dog Medicines

	Per Bottle		Per Bottle		Per Box ppd.
Mange Medicine.....	\$0 65	Fit Medicine.....	\$0 65	Liver Pills.....	\$0 65
Diarrhea Medicine.....	65	Cough Mixture.....	65	Condition Pills.....	65
Vermifuge.....	65	Eye Lotion.....	65	Kennel Flea Soap.....	25
Distemper Medicine.....	1 25	Tonic.....	65	Worm Capsules.....	65

Free Book on Diseases of the Dog and How to Feed, on request

### Spratt's Patent Dog and Puppy Biscuits



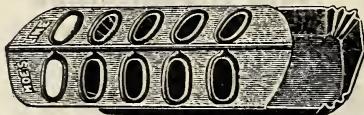
**Meat Fibrine Dog Cakes.** Cartons 40 cts. and 75 cts.  
**Cod-Liver Oil Cakes.** Cartons 40 cts.; 5 lbs. 75 cts.  
**Ovals (The Pocket Dog Biscuit).** Cartons 20 cts. and 40 cts.  
**Charcoal Ovals.** Cartons 20 cts. and 40 cts.

**Chappel Bros. Ken-L-Ration, Pup-E-Ration, and Kit-E-Ration.** A special Meat Ration. Lb. can, 15 cts. (postpaid 25 cts.). Case, 48 one-lb. cans, \$6.24. Information on request.



Dog Book Free on Request

# Poultry Requisites Bring Success

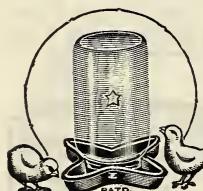


## Eclipse Chick Feeder

Most reliable; will not upset or waste food. Sliding top makes them easy to fill and keep clean. Will not rust. 10 openings, 25 cts. (postpaid 30 cts.); 20 openings, 50 cts. (postpaid 60 cts.).

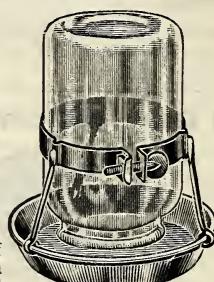
## Round Chick Feeders

The top fits snugly; yet can be easily taken apart for cleaning and filling. 8 feeder holes 15 cts. (postpaid 20 cts.); 12 feeder holes 25 cts. (postpaid 30 cts.).



## Star Chick Fountains

Star shaped; will fit any Mason jar. We do not furnish jars. 10 cts. each, 3 for 25 cts. (postage extra, 5 cts.).



## Felker's Handy Attachment

To be used with any make of fruit jar

### A PERFECT FEEDER

For sour milk, water, hard grain or grit

The container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Every one has some kind of a quart fruit jar—the Handy fits them all.

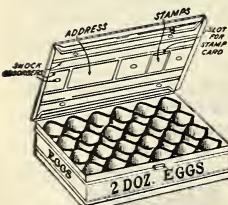
Each..... \$0 25      \$0 30  
Half dozen..... 1 40      1 55

## Thermometers

Tyco's Incubator Thermometer. 75 cts.  
Tyco's Certified Incubator Thermometer. \$1.  
Tyco's Incubator Hygrometer. \$1.65 (postpaid \$1.75)  
Brooder Thermometers. 60 cts. (postpaid 65 cts.)

## Sell Eggs By Mail

To your city friends. Ship in aluminized



### METAL EGG CRATES

Indestructible; pays for itself in a few shipments; lasts for years; makes interchangeable shipping easy. Buy yours now and realize more money for your eggs. Your friends want them.

The Metal Edge Filler is a wonder. A new invention and cannot be beat for safety carrying eggs by mail. Light in weight but strong.

1-dozen size.....	\$1 00	6-dozen size.....	\$2 50
2-dozen size.....	1 50	9-dozen size.....	3 25
3-dozen size.....	1 75	12-dozen size.....	4 00
4-dozen size.....	2 00	15-dozen size.....	4 75

Postage 10 cts. extra.

## Parcel-Post Egg Mailing-Boxes

Carton board. 12-egg size, 20 cts.; 15-egg size, 25 cts.; 24-egg size, 30 cts.; 48-egg size, 40 cts. Postage extra.

## The Peerless Dry Food Hopper

A self-feeder with an unobstructed feed outlet; simple in construction, strong and serviceable. A great saver of feed, time and labor. It requires no attention except refilling when empty. Suspend the Hopper from roof of pen, using cord and pulley, or hook, as shown in cut; always high enough from floor of pen to compel the birds to exert themselves to reach the food. By this method of use it occupies no floor or wall space, and is inaccessible to rats or mice.

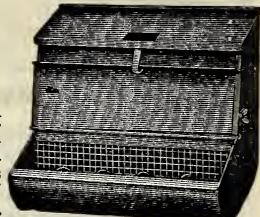
Has cone in center which insures continuous movement of feed. 8-qt. size, \$1.75 (postpaid \$1.90); 16-qt. size, \$2.50 (postpaid \$2.70).



## Oakes Dry Mash Hopper

Does not clog, being wider at the bottom than at the top and having a wire screen that prevents clogging. It is made of heavy galvanized material. Chick 12-in. size, \$1.75; 18-in. size, \$2.25; 24-in.

size, \$2.75, postage 20 cts. extra.



Oakes Dry Mash Hopper  
The pan, which forms the trough, is hinged at the back and fastened by a catch in front. The flat back allows the fountain to be firmly placed against the wall and the drop bottom enables the fountain to be thoroughly cleaned and kept in a sanitary condition. 2-qt. size, \$1; 1-gal. \$1.25; 2-gal. \$1.65.

Wall Fountains. 1-gal., \$1.35; 2-gal., \$1.60. Postage extra. 10c. ea.

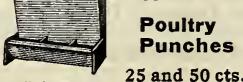
## Automatic Fountain

An absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason jar. The pan on this fountain is hinged to wire that supports the jar. We do not furnish jars. 15c. (ppd. 20c.).



## Crit and Shell Box

Chick size, 75c.; poultry size, \$1.40 (postpaid \$1.55).



25 and 50 cts.



Automatic Chick Fountain

## Celluloid Spiral Leg Bands

Come in all colors, large and small sizes. Doz. 15 cts., 50 for 50 cts., 100 for 75 cts., postpaid.

## Miscellaneous Garden Supplies

# Inoculate WITH NOD-O-GEN

PLANTS  
INOCULATED  
WITH  
NOD-O-GEN

(BELOW)  
NOT  
INOCULATED



For Legume Crops The cheapest and easiest way  
of improving crops and soil.

The Legume crops when not inoculated rob the soil; inoculated with the right bacteria, they feed the soil, grow more vigorously and contain a higher percentage of valuable feed proteins.

### Nod-O-Gen Easiest and Surest Form of Inoculation

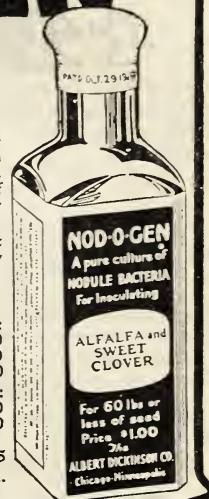
Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

Moreover Nod-O-Gen is easiest inoculation to use, requiring no equipment or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure.

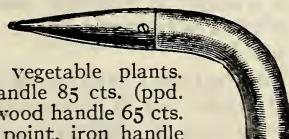
### Prices for Nod-O-Gen

For Alfalfa, Sweet Clover, Red and other Clovers (specify which):	
1/2-bu. size.....	\$0 60
1-bu. size.....	1 00
2 1/2-bu. size.....	2 00
For Soy Beans, Field Peas, Beans, and Vetches (specify which):	
1-bu. size.....	\$0 50
5-bu. size.....	2 00
For Garden Peas, Sweet Peas, Garden Beans, and Limas:	
Garden Size.....	\$0 25

Always specify names of crop as well as size of culture wanted.



### Dibbers



For transplanting vegetable plants. Brass point, wood handle 85 cts. (ppd. 95 cts.); Iron point, wood handle 65 cts. (ppd. 75 cts.); Iron point, iron handle 75 cts. (ppd. 85 cts.).



### Trowels

#### Ladies Garden, No.

94. Wood handle; 6-inch blade 15 cts. (postpaid 25 cts.).

**Garden, No. 213.** Wood handle; cast-steel blade 25 cts. (postpaid 35 cts.).

**Jimmie Weeder.** Practical tool for pulling dandelion and other weeds in lawn 25 cts. (ppd. 35c.).



**Excisor Finger.** This five short-prong Weeder is excellent for loosening the soil in small flower beds, etc. 25 cts. (postpaid 35 cts.).

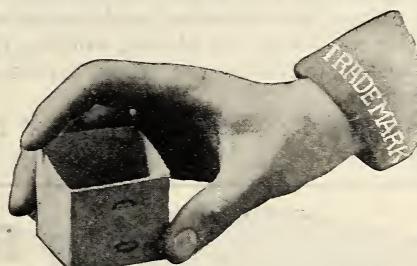


**Lang Weeder**  
A hand Weeder for working hotbeds. 35 cts. (postpaid 45 cts.).

### Doo-Klip Grass Shear



With the natural up and down motion. Better, stronger, keener cutting, self-sharpening, and self-tensioning blades. \$1.50, postpaid.



### Locked Plant Bands

For starting seedlings and seed. Carton (250) \$1.50 postpaid.

**Pot Labels.** Painted. 4 1/2-inch. 10 cts. per doz. (ppd. 15 cts.), 40 cts. per 100 (ppd. 50 cts.). Copper wired; painted. 10 cts. per doz. (ppd. 15 cts.), 40 cts. per 100 (ppd. 50 cts.).

**Garden Labels.** Painted. 12-inch. Postpaid: 40 cts. per doz., \$2 per 100.

**Peerless Glazing Points.** Box (1,000) 85 cts. (postpaid \$1).

## Planet Jr. Farm and Garden Tools

Planet Jr. Tools are most carefully designed and constructed, built of the finest materials, and are the most economical because they outlast others and do better work. Catalogue on request.



**No. 4 Planet Jr. Hill and Drill Seeder and Single-Wheel Hoe**

Price, complete, \$18  
As a Seeder Only, \$14.25

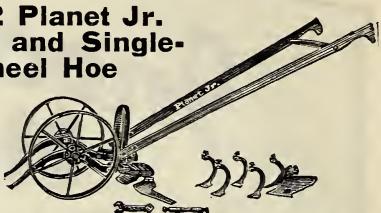
Holds 2½ Quarts of Seed

Soon pays for itself in the family garden as well as in the larger acreage. Sows all garden seeds (in drills or in hills), plows, opens furrows and covers.

**No. 12 Planet Jr. Double and Single-Wheel Hoe**

Price,  
\$10.75

A Single and Double Wheel Hoe in one.



Straddles crops till 20 inches high, then works between. The Plows open furrows and cover them. The Cultivator Teeth work deep or shallow. The Hoes are wonderful weed-killers. New 14-in. steel wheels, steel frames, arch, etc. Greatly improved.

## Gravely Motor Cultivator

The **Gravely** is without dispute the greatest Motor Cultivator money can buy. It is a gardener's most invaluable implement. Standing head and shoulders above any other Motor Cultivator on the market today, years ahead of the industry from the standpoint of design and construction, it affords an *ease of control, an accuracy of work, and an economy of upkeep* unmatched by any similar implement. It will do better work, at lower cost, with less physical energy, than you can even anticipate.

Water-cooled Motor.....\$190 00  
Air-cooled Motor.....250 00

Catalogue on request.



Gravely  
Motor Cultivator

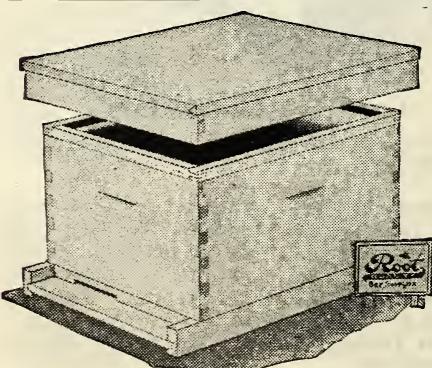
## The Barker Weeder, Mulcher and Cultivator

The Barker is three garden tools in one—a weeder, a mulcher, and a cultivator. It has no delicate parts to get out of order and is always ready for use. The cultivator, or shovel attachment, is easily adjusted to the machine.

In general appearance the Barker resembles an ordinary lawn-mower and its principle of operation is much the same. It has eight reel blades, set in revolving reel heads, which revolve against a stationary knife. The knife, which is slightly behind the revolving blades, travels just below the surface, where it cuts the weeds at their roots. Its ends turn up and are connected with the axle outside the heads.

The revolving reel blades, working in combination with the stationary knife, destroy the weeds, pulverize the clods, aërate the soil and form a perfect soil-mulch—in one operation.

No. 8½D. 8½-in. blades, \$10.60. No. 10D. 10-in. blades, \$11.75. No. 11D. 11-in. blades, \$12.60.



## Bee-Keepers' Supplies

This announcement is just to call to your attention and to remind you that we carry here in stock at Williamsport, a complete line of the A. I. Root Bee-keeper's Supplies, which we sell at the same prices that are found in A. I. Root Co. catalogue. We carry the A. I. Root line because we, as bee-keepers, consider them the best on the market in point of workmanship and material used. Prompt and careful attention will be given to all orders whether large or small.

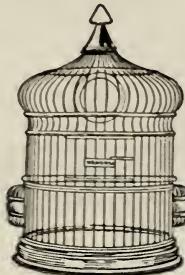
If you have not already received the A. I. Root illustrated Catalogue of Bee-keepers' Supplies, send for it at once and we will mail it to you.

One story, 10-frame Standard Hive with metal cover as illustrated. K. D. \$3.50, 5 for \$16.

# Bird-Cages and Supplies



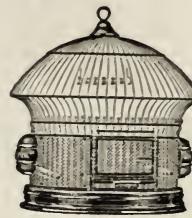
Stand No. 58



Cage No. 2040



Cage No. 276



Cage No. 250



Stand No. 39A

## The Hendryx Cages illustrated above are of du Pont Duco colors and brass

These Cages have a solid brass body, brass wire seed-guard, and brass top piece. The wires are of spring brass, riveted to **three cross-rails**. The collar and base are made of sheet metal which has a heavy coating of lead as a protection against rust. Self-locking base hooks. The top piece and base are finished with genuine du Pont Duco in Red, Green, or Blue, and the body is finished in satin-dip brass. Each Cage is equipped with three perches, swing, and **non-breakable pyroxyline seed-cups, colored to match base of cage.**

They are very attractive, easily kept clean, and blend into other house furnishings. Our Cages are superior. They are made of the finest materials and workmanship. Even our cheapest Cages look well and will give good service.

## New Style Hendryx Cages finished in du Pont Duco colors. Brass trimmings, wire guards



### Singing Canary Birds

Can you think of anything that would give your family or friends more real enjoyment? Every bird is carefully selected for song and satisfaction guaranteed.

*Birds can be shipped by express only*

**Chopper Canaries (Male), \$7.50 each.**

No.	Inches High	Inches Diam.
2040	18	10 Pull bottom..... \$6 75
250	15	11 Pull bottom..... 7 50
2274 TT	13	10 1/8..... 2 50
2275 TT	13 3/8	11..... 3 00
2276 TT	14 3/4	11 3/4..... 3 30
2275 C	13 3/8	11..... 5 55

### New Round Brass Cages. Brass wire guard.

No.	Inches High	Inches Diam.
2274	13	10 1/8..... 3 50
2275	13 3/8	11..... 4 00
2276	14 3/4	11 3/4..... 4 50

### Enameled Ivory-white Dome Cage. Gold-trimmed brass guards.

No.	Inches Diam.
2225	10 1/4..... 5 30
2226	11..... 5 80
2227	11 3/4..... 6 30

### Brass Japanese Lantern Cage, with Wire Guards.

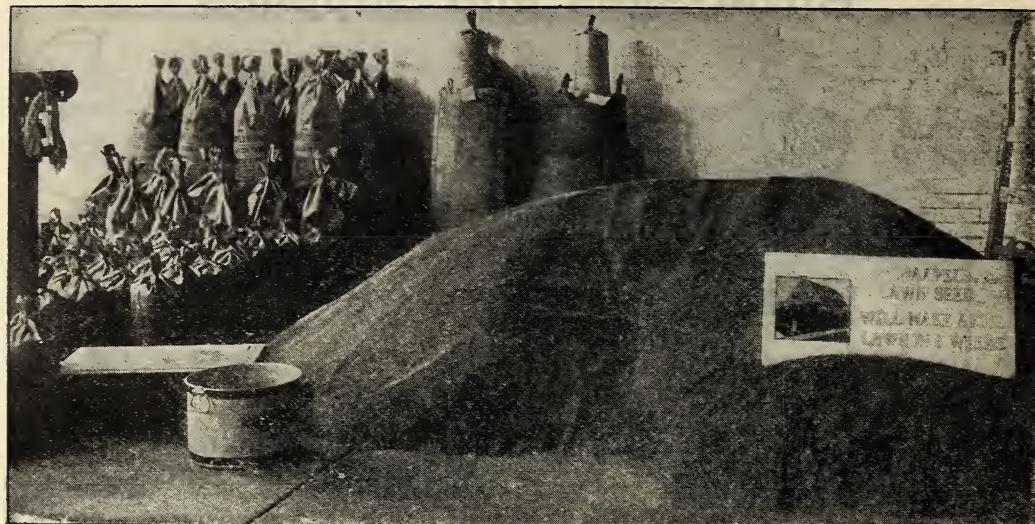
No.	Inches Diam.
2375	10 1/4..... 3 70
2376	11..... 4 30
2377	11 3/4..... 4 80

## Bird Supplies

**Bird Pep.** For canaries. 15 cts., 2 for 25 cts.  
**Bird Seed.** Choice Mixed Seeds. Lb. 25 cts., 5 lbs. \$1.  
**Bird Seed.** Pure Sicily Canary. Lb. 25 cts., 5 lbs. \$1.  
**Bird Manna.** For canary birds. 15 cts. each.  
**Bird Bitters.** A health tonic for birds. 25 cts.  
**Bird Eye-Water.** Bottle, 25 cts.  
**Bird Gravel.** Red or Silver. Two sizes, 10 and 15 cts.  
**Bird Egg Food.** Improves the song and plumage. 35c.  
**Bird Baths.** Opal, 2 sizes, 15 and 20 cts.  
**Bird Bath-House.** No. 1, \$1; No. 2, \$1.25.  
**Bird Song-Restorer** (Drahotas). Box, 25 cts.  
**Bird Song Food** (Burnett's). Large bottle, 30 cts.  
**Bird Nesting Hair.** Box, 15 cts.  
**Brass Wire Guard Cloth.** For cages, including fasteners. 35 cts. per ft.  
**Cage Springs.** Brass, two sizes, 15 and 20 cts.

**Cage Springs.** Double Brass. 50 cts. each.  
**Cuttle Bone.** For canaries. In carton, 10 cts.  
**Fish Food.** 10 cts.  
**Hemp Seed.** For cage-birds. 1/2 lb. 10 cts., 1 lb. 15 cts.  
**Insect Powder Gun.** With powder, 25 cts.  
**American Salve.** Box, 25 cts.  
**Mite Powder.** For canaries. Box, 25 cts.  
**Moultine Pepper.** For canaries. Box, 25 cts.  
**Nestling Food.** For canaries. 25 cts.  
**Parrot Seed.** For parrots. Box, 25 cts.  
**Rape, Sweet German.** For canaries. Lb. 15 cts.  
**Round Covered Cup.** Opal. 25 cts. each.  
**Seed and Water Cups.** Opal. Open or closed top. 15c.  
**Seed and Water Cups, du Pont Duco.** 25 cts. each.  
**Sunflower Seed.** For parrots. Lb. 20 cts., 5 lbs. 75 cts.  
**Swinging Hooks.** Brass. 10 and 12-in., 25 and 35 cts.

# Have a Better Lawn This Year



A pile of Chaapel's Lawn Seed mixed for our trade

## Chaapel's American Lawn Grass Seed

Recleaned and Tested Seed, weighing over 20 pounds to the bushel

Our Mixture can be absolutely relied upon as being made up of the finest qualities of Grass Seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. Mixed especially of Grasses that do best in our soils.

We have sold this Mixture of Lawn Grasses for many years, and positively know that it is surpassed by none; it will stand wear and tear, forming a close, firm, green and lasting turf, retaining its velvety appearance to the last. One quart will sow a space 10 by 20 feet—200 square feet. Ask for our leaflet, "A Few Suggestions on Lawn Making." Qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75, bus. (20 lbs.) \$6.

## Chaapel's Clover Lawn Grass Seed

The increasing demand for a Lawn Seed containing a larger proportion of White Clover induced us to offer this Mixture, containing a most liberal quantity of best recleaned White Clover—it is especially suited for shaded locations and will thrive better under trying conditions than any other mixture. Sow one quart to 200 square feet (10 x 20 ft.). Pt. 20 cts., qt. 40 cts., 2 qts. 70 cts., 4 qts. \$1.30, pk. \$2.50, bus. (30 lbs.) \$10, 100-lb. lots or over, 30 cts. per lb. Postage extra, 5 cts. per qt.

**FANCY WHITE CLOVER.** Fine for new or old lawns; easy to grow.  $\frac{1}{4}$ lb. 20 cts., lb. 75 cts., postpaid.

## Chaapel's Shadygreen Lawn Seed

While it is impossible to maintain a permanent lawn in certain shady locations, such as under soft maple trees, we have combined in this mixture certain grasses that are more resistant to these harsh conditions. We recommend this mixture to be especially prepared for shady locations. Sow 1 quart to 200 square feet (10 x 20 ft.). Qt. 75 cts., 2 qts. \$1.25, 4 qts. \$2, pk. (6 $\frac{1}{4}$  lbs.) \$3.50, bus. (25 lbs.) \$12.

## Chaapel's Lawn Grass Seeds

have earned an enviable reputation for superior quality, quick germination, and lasting results. Nearly all lawns, private estates, and public parks are using our mixtures, fulfilling the promises made for them. Fertilizers are necessary in making a good lawn. See pages 49 and 50.



A good lawn beautifies your home, and adds greatly to its commercial value

CHAAPEL'S LAWN GRASSES MAKE THE FINEST LAWNS

## Chaapel's Lawn Grass Seeds

**B**ESIDES supplying lawn seeds for the home, mixed from the best grasses obtainable for your locality, we specialize in supplying grass seed for private estates, public parks, and golf-courses, either after our own or individual formulas. Our genuine Bent Grass is unsurpassed for putting-greens and other places where landscape architects specify it. Correspondence solicited. Quantity quotation on request. Ask for our leaflet "A Few Suggestions on Lawn Making."

*Fertilizers are necessary in making a good lawn. See pages 49 and 50*

**CHAAPEL'S SEED STORE, Williamsport, Penna.**



NEW SUNSHINE ASTER. PKT. 25 CTS.

OR FREE with Flower Seed Order of \$1 or more, provided the request comes with the order. See description on page 6

**CHAAPEL'S SEED STORE**

**-WILLIAMSPORT- ON THE SUSQUEHANNA TRAIL**